

UNITED STATES REGISTER CO.



JONES-NATIONAL

WARM AIR REGISTERS

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CATALOG NO. 20

ISSUED BY

UNITED STATES REGISTER COMPANY



EXCLUSIVE MANUFACTURERS OF

Jones-National Registers
National, Capitol, Mission and Liberty
Baseboard Registers
Steel Floor Registers, Faces and Borders
Flat Steel Grilles, Ventilating Screens
Wood Faces, Furnace Fittings

GENERAL OFFICE AND FACTORY

BATTLE CREEK, MICHIGAN, U. S. A.

BRANCH OFFICES AND FACTORIES

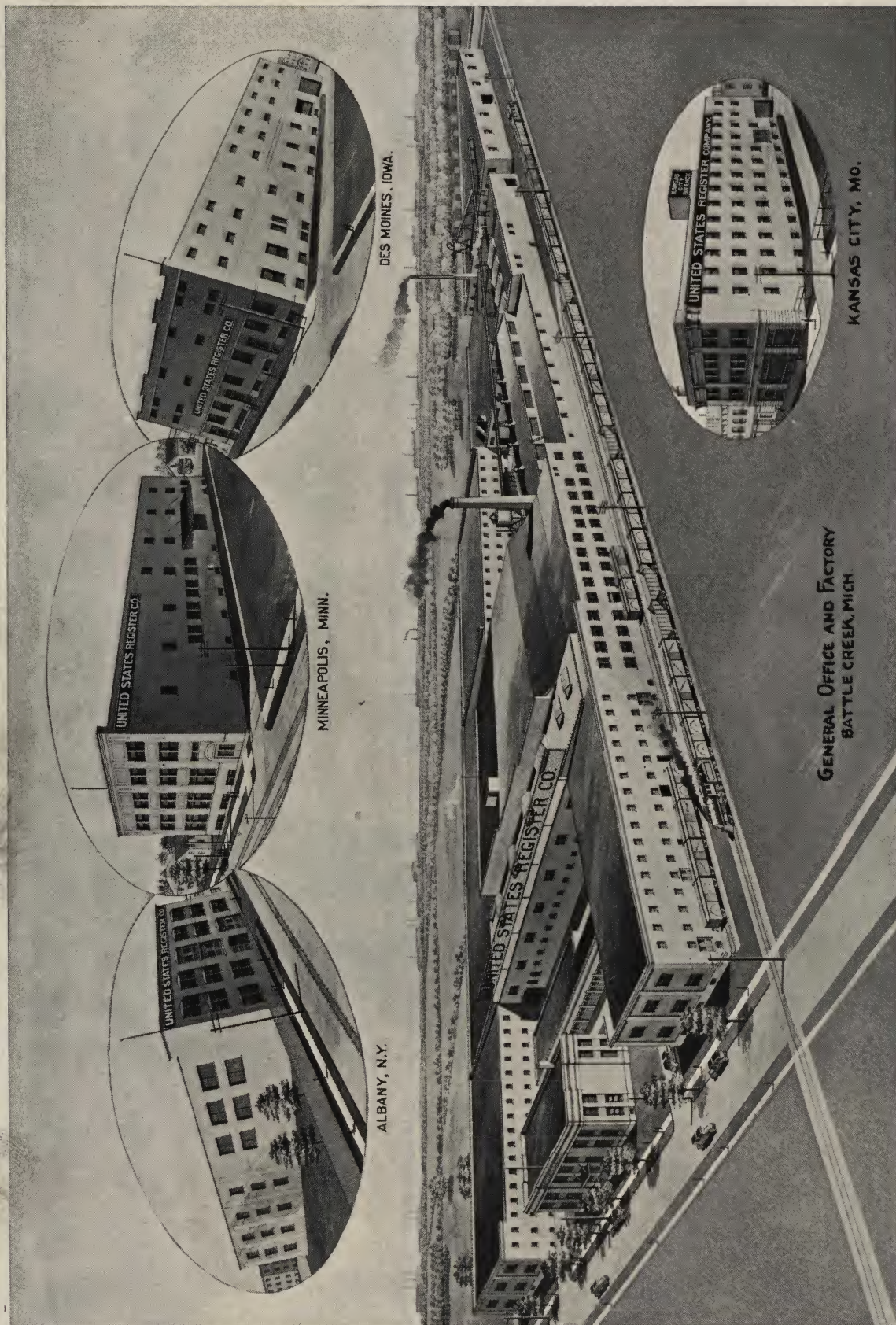
MINNEAPOLIS, MINN.
2105-2111 Cedar Ave.

DES MOINES, IOWA
131-133 SW. 5th St.

KANSAS CITY, MO.
330-332 W. 5th St.

ALBANY, N. Y.
5 Jackson St.

Registered Code Address
"UNIRECO"





TO THE TRADE

WE wish to express to the trade our appreciation for the valued and continued patronage extended to us during the twenty-five years that we have been manufacturing Warm-Air Registers, and we hope to merit a continuance of same, and if good goods and fair dealings will merit your patronage we feel assured of it.

OUR POLICY:—

Our policy has been and will continue to be, to give our customers prompt and efficient service, by supplying promptly the goods asked for, of the very highest quality at the lowest price consistent with the quality of goods supplied.

We use only the best material obtainable and employ the highest grade mechanics, to whom we pay the standard scale of wages in all lines.

The men at the head of our different departments are all conversant with the needs of the warm-air heating trade and understand where and how the goods manufactured by us are to be used, which accounts for our lines being more practical than those offered by our competitors.

SHIPMENTS:—

Shipments are made promptly, upon receipt of orders, from our large and complete stocks which are carried at all principal cities, including our main factory in Battle Creek, Michigan, and at our branch factories located at Minneapolis, Minn., Kansas City, Mo., Des Moines, Iowa and Albany, N. Y., or at supply houses in all important cities.

Goods are shipped on what is termed "Released freight rates" or owner's risk, so as to get the lowest possible rate of freight.



At the same time we reserve for our customers the right to file claims with the transportation companies for lost or damaged shipments and help them secure redress in any such cases.

TERMS:—

Our terms are net thirty days with 2 per cent discount for cash in ten days from date of invoice. Interest is added on overdue accounts.

In cases of failure, assignments, transfer of stock or business, or if the same shall become encumbered in any way, all indebtedness shall become due and payable forthwith.

RETURN OF GOODS:—

Where mistakes are made in ordering goods or where changes are made in building constructions, goods cannot be returned without our consent.

When our consent is given, all transportation charges and cost of making the goods marketable where refinishing is necessary must be borne by the one returning the goods and an additional 10 per cent handling charge will be made in all cases to cover the cost of packing, carting and shipping.

GUARANTEE:—

We guarantee our goods to be first class in every particular and free from flaws or defects of any kind, and agree to replace free of charge any register or any part or parts of any register, ventilator, damper clip or anything made by us, but we cannot accept claims for repairs, or expense claimed on account of defective goods or for any other cause.



ANNOUNCEMENT

WE have added many improvements to our lines of registers, and we call special attention to the very narrow bars in the fretwork of all of our registers, which is made possible by deeply embossing the register face, insuring the greatest possible capacity. We have added several new registers since our Catalog No. 19 was issued, as will be seen by referring to the following pages.

The air capacity of all of our registers, both Baseboard and Floor, has been greatly increased by embossing the bars deeper, making them narrower and at the same time stronger, but we have refrained from disfiguring the beautiful appearance of our registers, realizing that the average furnace dealer wishes to be represented in the home where he installs a heating plant by a register that is not only practical but also beautiful.

The JONES-NATIONAL REGISTER is presented to the warm-air heating trade as the last word in Perfection of Baseboard Register Construction. Is furnished complete with double metal boxes equipped with SEALING STRIPS which seal the box and register tightly together. It eliminates streaked walls, is easy to install and carries with it all the predominant virtues and perfected features gleaned from over twenty-four years of research, experiment, study and effort.

The NATIONAL REGISTER is a two-piece Baseboard Register equipped with a removable center, on which center is a flange that locks the box tight to the frame. The edges of the box fold or bend over the frame, thus accomplishing a connection that eliminates streaked or soiled walls or air leakage of any kind between the register and the wall.

The center is of diamond design with deeply embossed narrow bars insuring strength and maximum capacity.

We offer the NATIONAL REGISTER as the highest grade register in appearance, quality, construction and practicability that can be secured without a box at any price. Its value and quality is even recognized by our competition.



JONES-NATIONAL BASEBOARD REGISTERS. — Complete, with double metal boxes, with patented **SEALING STRIP** and with two-piece front, in diamond lattice design and deeply embossed bars, thus offering beauty, cleanliness and capacity.

NATIONAL BASEBOARD REGISTERS. — Two-piece, removable center, diamond lattice design, deeply embossed narrow bars, and streak-proof **SEALING STRIP** on center.

CAPITOL BASEBOARD REGISTERS. — Two-piece, removable center, square lattice design, deeply embossed narrow bars. Largest capacity of any square lattice design. Streak-proof sealing flange on center.

MISSION BASEBOARD REGISTERS. — Two-piece, removable center, square lattice design, extra narrow unembossed bars. Largest capacity of any flat perforated square lattice design. Streak-proof sealing flange on center.

LIBERTY BASEBOARD REGISTERS.—ONE-PIECE FRONT, square lattice design, extra narrow unembossed bars, same design and capacity as the Mission Register.

JONES BASEBOARD REGISTERS.—A nationally known product, complete, with double metal box.

BASEBOARD COLD-AIR FACES. — National and Capitol baseboard cold-air faces, respectively matching in design the Jones-National and National, and the Capitol Baseboard Registers.

CONVEX SIDE WALL REGISTERS. — National Convex matches Jones-National and National Baseboard Registers. Capitol Convex matches Capitol Baseboard Registers. Mission Convex matches Mission and Liberty Baseboard Registers.

U. S. STEEL FLOOR REGISTERS, FACES and BORDERS. — Made of heavy gauge deeply embossed steel.



The **CAPITOL REGISTER** is the same in every way as the **NATIONAL** excepting that the center design is square lattice, with deeply embossed narrow bars, insuring maximum capacity the same as in the **NATIONAL REGISTER** and gives a choice of design, at the same time retaining beauty and capacity.

The **MISSION REGISTER** is made of extra heavy high-grade steel. The frame has square corners welded and the center is of square lattice design with the bars very narrow and not embossed, insuring strength and maximum capacity.

The same flange is attached to the center, retaining the streak-proof feature as embodied in the **NATIONAL** and **CAPITOL** registers.

The operating handle is slightly different from the **NATIONAL**.

The **LIBERTY REGISTER** is a one-piece register with square corners and plain lattice design with small unembossed bars, insuring strength and capacity. This register sells for less than the two-piece registers, and is recommended for contract work when price is a consideration.

We can supply registers made from the **NATIONAL** frame and the **MISSION** center, which will be known as the **N. M.**, or we can furnish a register of the **MISSION** frame and the **CAPITOL** center, which will be known as the **M. C.**

The **INTERNATIONAL REGISTER** is a two-piece register and has the flange on the frame instead of the center, as demanded by some of our customers, and the center is removable. This register is attached by means of wood screws or tin straps, instead of by bending the box over the frame as is the case with the **NATIONAL**, **CAPITOL** and **MISSION**.

The **JONES REGISTER**, while being the first practical Baseboard Register on the market and having been on the market for twenty-four years, is still enjoying its universal popularity.

All of our baseboard registers can be used with the Jones System of Heating as illustrated on pages 9, 10 and 11, and in ordinary partitions when $3\frac{3}{4}$ inch studding is used.



NATIONAL CONVEX REGISTERS are made in standard sizes in horizontal and vertical positions and match in design the JONES-NATIONAL BASEBOARD REGISTER, NATIONAL and INTERNATIONAL BASEBOARD REGISTERS.

The CAPITOL CONVEX REGISTERS, made in same sizes as NATIONAL CONVEX REGISTER, are of square lattice design with very narrow embossed bars, which assure maximum capacity. These match Capitol Baseboard Registers in design.

The MISSION CONVEX REGISTERS fulfil the same requirements as National and Capitol Convex, but are made in flat perforated square lattice design to match the Mission and Liberty Baseboard Registers.

NATIONAL BASEBOARD COLD-AIR FACES are made to match in design the Jones-National and National Baseboard Registers and are furnished in all of the sizes necessary and with adequate base extension for the required sizes.

Capitol Baseboard Cold-Air Faces are made to match the Capitol Baseboard Register in design and are furnished in the same sizes as the National and have the same corresponding base extensions.

National, Capitol and Mission Convex Ventilating Faces are made to be used respectively with Jones-National and National Baseboard, Capitol Baseboard, and Mission and Liberty Baseboard Registers and are of identically the same design as the Baseboard in connection with which they should be used.

U. S. Steel Floor Register Faces and Borders are made in all standard sizes as well as special to order, — of heavy embossed cold rolled steel. The quality of steel used permits the producing of beautiful fabrication and finish.

All registers and faces are heavily reinforced and gauge of steel used is increased proportionately with increase in register and face sizes.



THE JONES SYSTEM OF HEATING

The JONES SYSTEM OF HEATING consists of the use of any first-class furnace of proper size and capacity set up in the basement of a residence, with an unobstructed air supply equal to the combined area of the warm-air pipes.

One large warm-air pipe—with the capacity of two ordinary pipes—is connected to the bottom of a Baseboard Register for heating the room on the first floor, with a wall pipe continuing from the top of this register (when a collar of the proper size is provided) to a room on the second floor, using half the number of warm-air pipes, elbows, angles, collars, dampers, etc., necessary with other registers.

The advantages thus gained are many, for example: when the second-floor rooms are not in use,—which is the greater part of every day,—all of the heat intended for both rooms is utilized for the first-floor room, which soon necessitates checking the fire in the furnace, greatly reducing the consumption of fuel.

The register box being a part of the JONES-NATIONAL REGISTER, carpenters, when placing the baseboard, cannot move the register front without moving the box, therefore the deflector cannot be prevented from opening and closing, as is the case with registers that are made without boxes.

All warm-air pipes can run directly from the furnace to the registers, avoiding angles necessary where twice the number of warm-air pipes are used.

With one-half the number of pipes, elbows, angles, etc., less heat is lost in the basement from friction and radiation, resulting in cool cellars and warm living rooms.

Furnaces will heat twenty per cent more space with less fuel when installed in accordance with the Jones System of Heating and Jones-National Registers are used.

We Guarantee That the Jones System of Heating Will Do This

The Jones System of Heating can be followed with Jones-National, National, Capitol, Mission or Liberty Baseboard Registers if the proper sizes are used.





THE JONES SYSTEM OF HEATING ILLUSTRATED

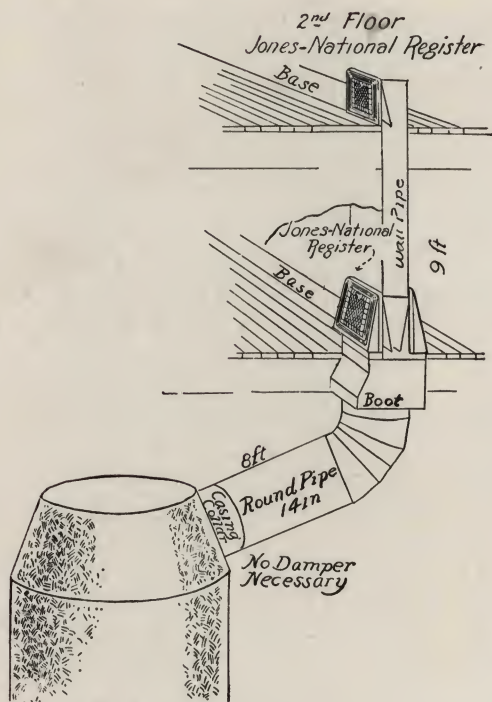


Fig. 1

THE JONES SYSTEM OF HEATING can be accomplished with the JONES - NATIONAL REGISTERS, NATIONAL REGISTERS, CAPITOL, MISSION or LIBERTY BASEBOARD REGISTERS.

FIG. 1. A practical arrangement that is valuable. Saves material, time and labor. (Note large basement pipe.)

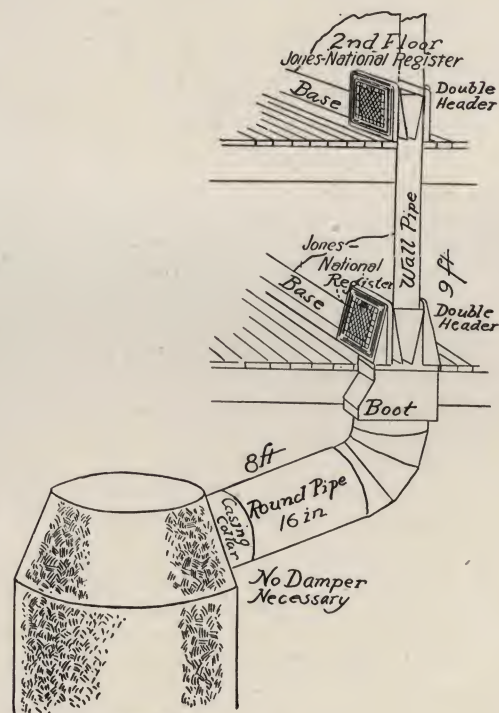


Fig. 2

FIG. 2. Another possibility that has proved practical under proper conditions. (Note extra large basement pipe.)



THE JONES SYSTEM OF HEATING ILLUSTRATED

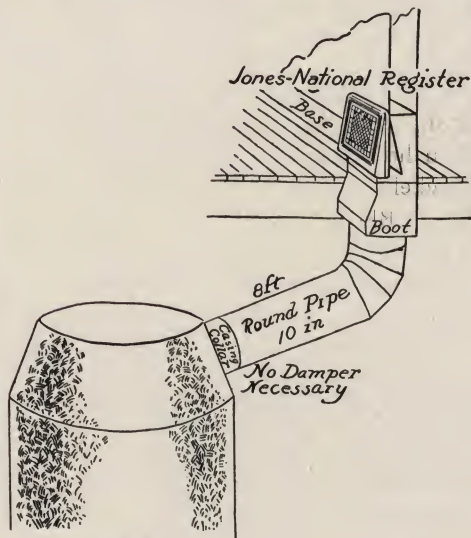


Fig. 3

FIG. 3. Showing location of JONES - NATIONAL REGISTER and basement pipe connection.

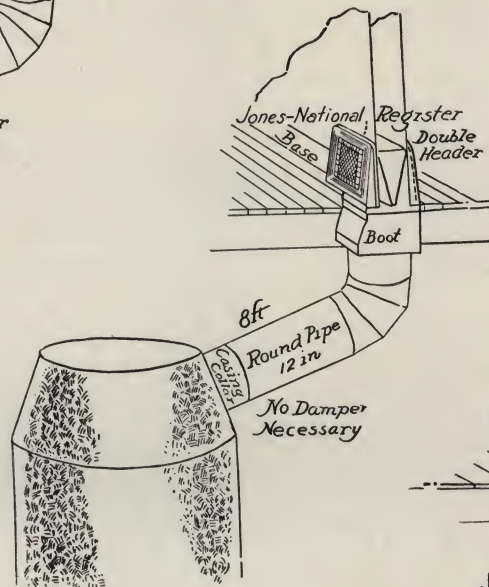


Fig. 4

FIG. 4. JONES - NATIONAL DOUBLE HEAD SIDE-WALL REGISTER for heating two rooms on same floor. (Note increased size of basement pipe.) Very practical and especially adapted for bungalow type of residences.

FIG. 5. Illustrating THE JONES SYSTEM OF HEATING. An excellent arrangement with any warm-air furnace.

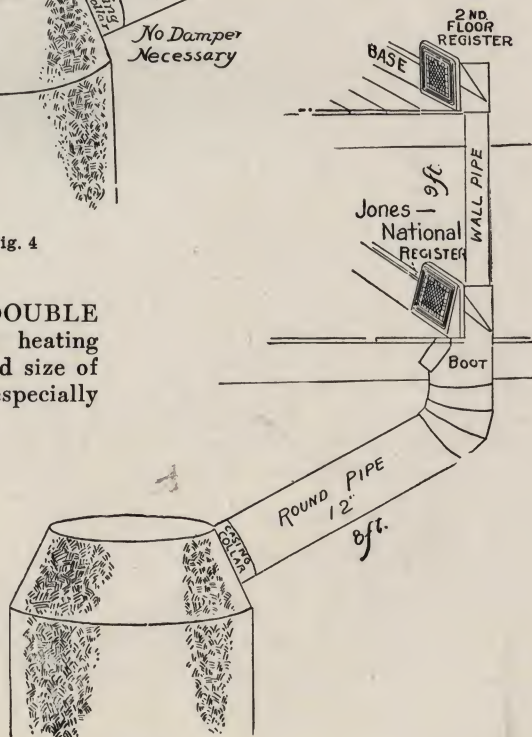


Fig. 5



**LISTS OF ABBREVIATIONS FOR FINISHES OF BASEBOARD,
SIDE WALL, FLOOR AND VENTILATING REGISTERS**

B. J.	.....	Black Japan
W. J.	.....	White Japan
O. C.	.....	Electroplated Oxidized Copper
P. C.	.....	" Polished Copper
B. C.	.....	" Brushed Copper
N.	.....	" Nickel
S. B. N.	.....	" Sand Blast Nickel
D. N.	.....	" Dull Nickel
O. B.	.....	" Oxidized Brass
B. Br.	.....	" Brushed Brass
P. B.	.....	" Polished Brass
S. B. B.	.....	" Sand Blast Brass
A. S. B. B.	.....	" Antique Sand Blast Brass
S. B. O. B.	.....	" Sand Blast Oxidized Brass
S. B.	.....	" Statuary Bronze
P. B. B.	.....	" Bauer Barff

We can furnish any special electroplated finish not included above if order is accompanied by sample of finish to be matched.

**FOLLOWING ARE ABBREVIATIONS FOR STANDARD LACQUERED
BRONZE FINISHES**

L. B. A. B.	.....	Lacquered Bronze Antique Brass
L. B. B. B.	.....	" Bronze Brushed Brass
L. B. O. C.	.....	" Bronze Oxidized Copper
L. B. D. N.	.....	" Bronze Dull Nickel

OAK GRAIN—Baked Oak Grain Finish

TO AVOID MISTAKES:—

Order all Baseboard Registers by Catalog Number and use above abbreviations to designate finish required.

Order all Baseboard Cold-Air Faces and Convex Ventilating Faces by Catalog Number and use above abbreviations to designate finish required.

Order all Convex Sidewall Registers, Floor Registers, Faces and Ventilating Registers by Catalog Dimensions of daylight or inside measurement of Register or face—and use above abbreviations for finish.



The STANDARD CODE says →

REGISTERS

Section 7 (a). When baseboard or wall registers are used, they shall be properly and permanently attached to the stack head in such a manner that will prevent any leakage of air between the head and the register.

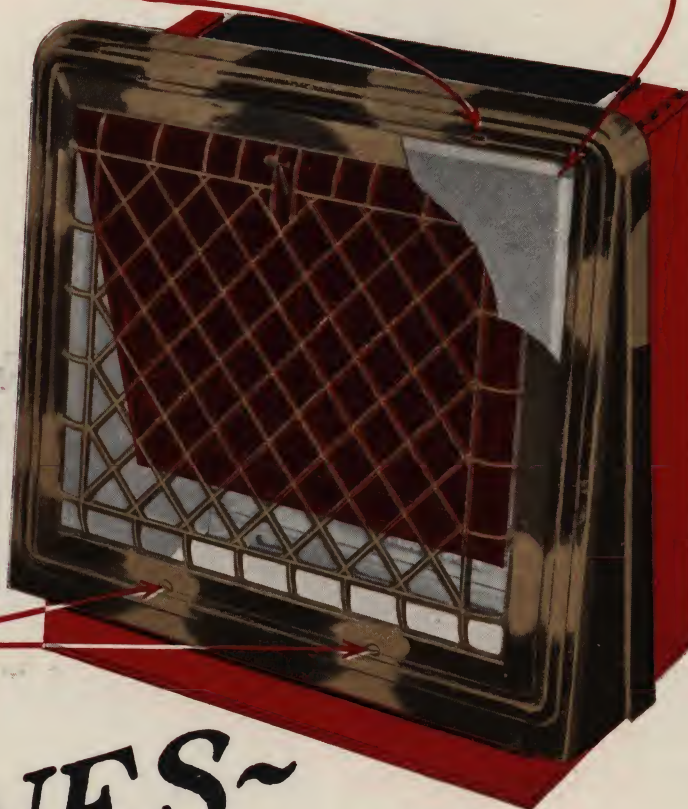
Center is held in place by two Lugs in here.

A patented SEALING STRIP that SEALS the JONES - NATIONAL REGISTER to the box.

Each register is packed, with box attached, in an individual shipping case plainly marked with size and finish of contents.

Order by
Catalog Number
and Finish

A Half Turn
of Button
Fastens Center
to the Frame



JONES- NATIONAL REGISTERS

are ready to
install when
shipped

Fasten and Seal
Tight to the Reg-
ister Box (*not to
the studding*)

and

COMPLY
with the
CODE
COMPLETELY

JONES- NATIONAL REGISTERS

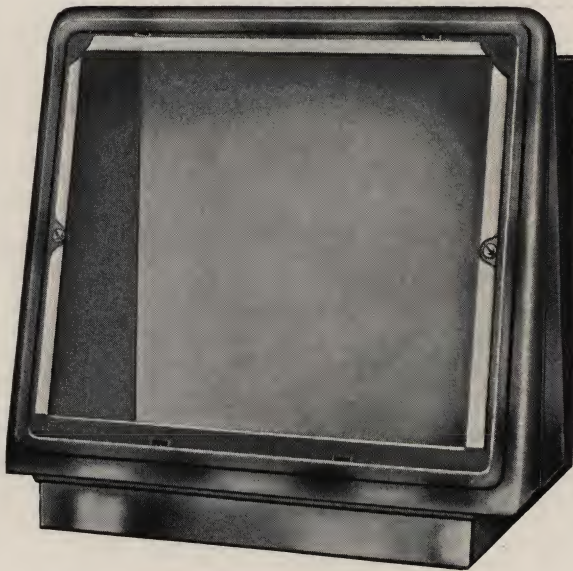
REGISTER
AND BOX
COMBINED



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

JONES-NATIONAL REGISTERS

Furnished complete with double ventilated boxes
No leakage between register and box



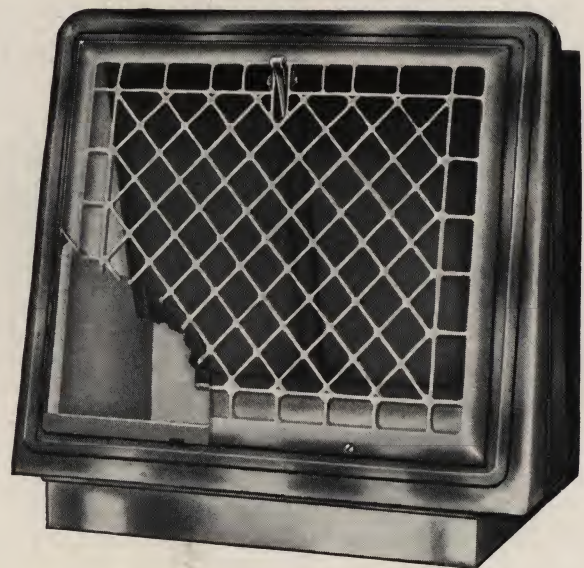
Register is attached to box by bending a flexible tin flange over the frame of JONES-NATIONAL REGISTER, after first drawing the frame of register tight to box by a bolt on each side of frame, as shown in illustration at left.

The connection, thus made, is streak-proof in every particular. The tin flange is light and easily bent over and laid in place over register frame. No hammer or tools necessary.

After flanging the box over the frame, as shown and explained, place face of JONES-NATIONAL REGISTER in frame where it will be held in place by two lugs at the top and attached by a half turn of lugs at bottom of center.

Thus a perfectly tight streak-proof connection is accomplished by an installation easier than any of the old-style methods.

See Perfect Connection in illustration opposite.



ALL JONES-NATIONAL BOXES are made with a Heavy-Gauge Galvanized Outer Casing and a Heavy Bright Tin Inner Casing

EASY TO INSTALL AND EASY TO KEEP CLEAN



First Floor

JONES-NATIONAL REGISTERS

Complete with double ventilated boxes attached. Made of cold rolled steel, perfectly formed and embossed.



ONE-WAY

The JONES-NATIONAL REGISTERS are made in a sufficient number of sizes to satisfy any standard requirement demanded of them.

The following list of sizes includes first floor standard sizes only.

LIST PRICES, SIZES AND DIMENSIONS OF JONES-NATIONAL REGISTERS

Cat. No.	Size of Register Face in inches	Base Extension from Plaster in inches	Size of Basement Pipe in inches	Size of Boot in inches	Size of Top Collar in inches	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Gross Weight in pounds Packed for Shipping
853½	10 x 8	2¼	8	6½ x 10½	Top Closed	\$ 4.00	\$ 4.50	\$ 5.50	\$ 6.00	8
854½	12 x 9	2¼	9	6¼ x 12½	3½ x 10 or No. 7	5.25	5.75	6.75	7.25	10
855	12 x 10	2¾	10	6¾ x 12½	3½ x 10 or No. 7	6.25	6.75	8.00	8.50	10½
856	13 x 11	3¼	12	7 x 13½	3½ x 12 or No. 8	7.00	7.75	9.00	10.00	12
857	14 x 12	3⅞	12 or 14	7½ x 14½	3½ x 12 or No. 8	8.50	9.50	10.50	11.50	13
855¼	12 x 10	3¼	10	7 x 12½	3½ x 10 or No. 7	6.50	7.00	8.00	8.75	11
8556	13 x 11	5¼	12 or 14	9 x 13½	3½ x 12 or No. 8	8.00	8.75	10.25	11.00	12
8557	14 x 12	5¼	14 or 16	9 x 14½	3½ x 12 or No. 8	9.00	10.00	11.00	12.00	13

All First Floor Jones-National Register boxes, excepting Nos. 853½ and 854½, are fitted with wall stack collars and are shipped with these closed with top plates which can be easily removed.

Sizes Nos. 853½ and 854½ have no top collar unless specially ordered with top collar.

The center of the Jones-National Register is removable by a half turn of button, which releases engaging lugs at bottom of center.

Each JONES-NATIONAL REGISTER is shipped INDIVIDUALLY PACKED in a heavy corrugated Container. Easy to stock. Always clean.

JONES-NATIONAL REGISTERS DO NOT STREAK WALLS



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

First Floor

JONES-NATIONAL REGISTERS

Complete with double ventilated boxes attached. Fronts made of cold rolled steel, perfectly formed and embossed. For heating two rooms, one on each side of partition.



TWO-WAY

LIST PRICES, SIZES AND DIMENSIONS OF JONES-NATIONAL REGISTERS

Cat. No.	Size of Register Face in inches	Base Extension from Plaster in inches	Size of Basement Pipe in inches	Size of Boot in inches	Size of Top Collar in inches	Black Japan	White Japan Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Gross Weight in pounds Packed for Shipping
2-854½	2 - 12 x 9	2¼	10	8½ x 12½	3½ x 10 or No. 7	\$ 8.50	\$ 9.50	\$ 11.50	\$ 12.50	14
2-855	2 - 12 x 10	2⅜	12	7 x 12⅝	3½ x 10 or No. 7	10.00	11.00	13.00	14.00	16½
2-856	2 - 13 x 11	¾	12 or 14	10½ x 13⅝	3½ x 12 or No. 8	11.50	13.00	15.50	17.00	18
2-857	2 - 14 x 12	⅞	14 or 16	11½ x 14⅝	3½ x 12 or No. 8	14.50	16.50	18.50	20.00	19
2-855¼	2 - 12 x 10	¾	12	10½ x 12⅝	3½ x 10 or No. 7	10.50	12.00	14.00	15.00	16
2-8556	2 - 13 x 11	5¼	14	14⅝ x 13⅝	3½ x 12 or No. 8	14.00	15.00	17.00	18.00	18½
2-8557	2 - 14 x 12	5¼	16	14⅝ x 14⅝	3½ x 12 or No. 8	16.00	17.00	19.00	20.00	19½

All First Floor JONES-NATIONAL REGISTERS, excepting 2-854½, are fitted with Wall Stack Collars and are shipped with these collars with top plates which can be easily removed. Size 2-854½ has no top collar unless specially ordered with top collar.

The Center of the JONES-NATIONAL REGISTER is removable by a half turn of a button, which releases engaging lugs at bottom of center.

Special boxes for JONES-NATIONAL REGISTERS for partitions wider or narrower than Regular take an Extra of \$2.00 List. Give extreme outside to outside width of partition in such cases.

Two-Way Jones-National Registers can be furnished with a different finish on each side.

Each JONES-NATIONAL REGISTER is shipped INDIVIDUALLY PACKED in a Heavy Corrugated Container. Easy to stock. Always clean.

JONES-NATIONAL REGISTERS DO NOT STREAK WALLS



Second Floor JONES-NATIONAL REGISTERS

Complete with double ventilated boxes attached. Made of cold rolled steel, perfectly formed and embossed.



ONE-WAY

Gives the same Rich Appearance on the Second Floor as on the First Floor; saves one foot of wall stack, which permits the use of Second Floor JONES-NATIONAL REGISTERS at no Greater Cost.

Bottom of Collars of Second Floor JONES-NATIONAL Registers set flush with finished floor.

Have the same STREAK-PROOF SEALING-STRIP as First Floor JONES-NATIONAL REGISTERS.

Fits all Standard Sizes of Single and Double Wall Stacks.



TWO-WAY

Special Boxes for Jones-National Registers for partitions narrower or wider than Regular, take an extra of \$2.00 List.

LIST PRICES, SIZES AND DIMENSIONS OF JONES-NATIONAL REGISTERS

Cat. No.	Size of Register Face in inches	Base Extension from Plaster in inches	Size of Single Wall Stack in inches	Size of Double Wall Stack in inches	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Gross Weight in pounds Packed for Shipping
ONE-WAY									
853	10 x 8	1½	3 x 10 or 3½ x 10	No. 7	\$ 3.50	\$ 4.20	\$ 5.00	\$ 5.50	8
852	12 x 8	1½	3 x 12 or 3½ x 12	No. 8	4.00	4.80	5.50	6.00	9
854	12 x 9	1½	3 x 13 or 3½ x 13	No. 9	4.50	5.25	6.00	6.50	9¼
TWO-WAY									
2-853	2-10 x 8	1½	3 x 10 or 3½ x 10	No. 7	\$ 5.75	\$ 6.50	\$ 8.50	\$ 9.50	10½
2-852	2-12 x 8	1½	3 x 12 or 3½ x 12	No. 8	6.50	7.50	9.50	10.50	12½
2-854	2-12 x 9	1½	3 x 12 or 3½ x 13	No. 9	7.00	8.00	10.00	11.00	13

To prevent mistakes when ordering, use catalog numbers.

JONES-NATIONAL REGISTERS DO NOT STREAK WALLS



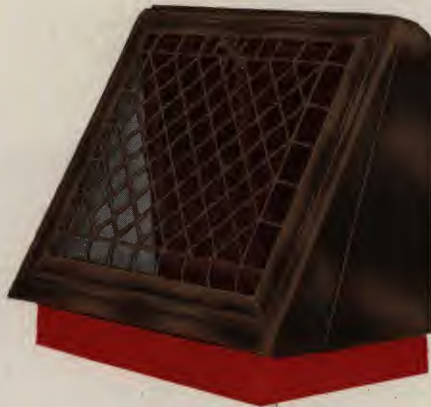
UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

Jones-National "Special" Baseboard Registers

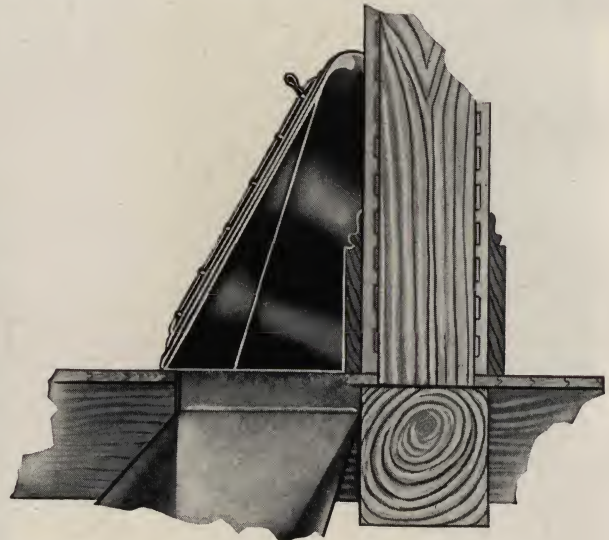
Furnished only Complete with Double Metal Boxes

REQUIRE NO PARTITION SPACES

Can be installed in old houses as easily as floor registers, without cutting joists, sills, studding or lath and plaster.



FIRST FLOOR
COMPLETE WITH DOUBLE BOX
Saves cutting joists and sills



Made in First Floor Sizes for all popular sizes of basement pipe.

JONES-NATIONAL "SPECIALS" are equipped with box that sets against *outside* of plastered wall, but *not in the wall*.

To prevent mistakes when ordering, use catalog numbers.

LIST PRICES OF FIRST FLOOR JONES-NATIONAL "SPECIALS"

Cat. No.	Size of Register Face in inches	Size of Basement Pipe in inches	Size of Boot in inches	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Gross Weight Packed for Shipping
753½	10 x 8	8	6⅛ x 10⅝	\$ 5.50	\$ 6.00	\$ 7.00	\$ 7.50	8
754½	12 x 9	9	6¼ x 12⅝	6.75	7.25	8.25	8.75	10
755	12 x 10	10	6⅜ x 12⅝	7.75	8.25	9.50	10.00	11
756	13 x 11	12	7 x 13⅝	8.50	9.25	10.50	11.50	12
757	14 x 12	12 or 14	7⅝ x 14⅝	10.00	11.00	12.00	13.00	13

Jones-National SPECIAL Registers have made easy many a furnace sale where Floor Registers were not desired and where girders or sills made it impossible to install baseboard register boxes in the partitions.

JONES-NATIONAL SPECIAL REGISTERS take same corresponding sizes of boots, elbows and angles as JONES-NATIONAL REGISTERS.

Each JONES-NATIONAL SPECIAL REGISTER is individually packed in a heavy Corrugated Container. Easy to stock. Easy to keep clean.

JONES-NATIONAL REGISTERS DO NOT STREAK WALLS

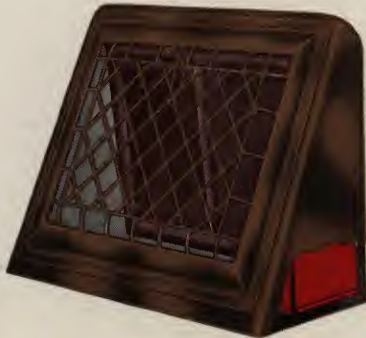


Jones-National "Special" Baseboard Registers

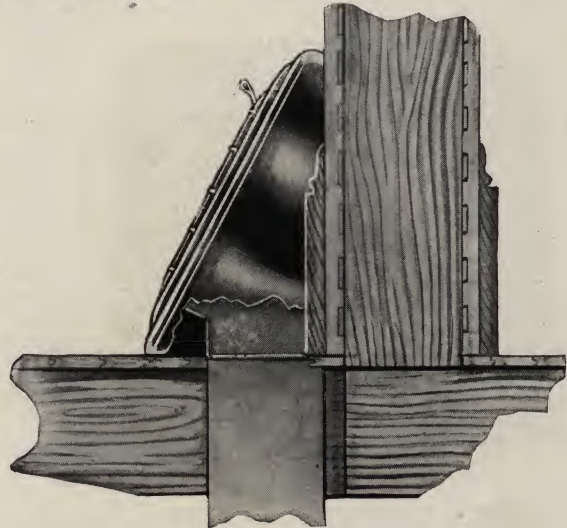
Furnished only Complete with Double Metal Boxes

REQUIRE NO PARTITION SPACE

Second floor "Specials" are installed in the same manner as first floor. Adapted for use in old buildings where wall stacks must be set outside of wall instead of inside.



SECOND FLOOR
COMPLETE WITH BOX



To prevent mistakes when ordering, use catalog numbers.

Made in second floor sizes to fit all standard sizes of single and double wall stack.

JONES-NATIONAL "SPECIALS" are equipped with double metal box (same as first floor) that sets against plastered wall, but NOT IN THE WALL.

LIST PRICES SECOND FLOOR JONES-NATIONAL "SPECIALS" COMPLETE WITH BOXES

Cat. No.	Size of Register Face in inches	Size of Single Wall Stack	Size of Double Wall Stack	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Gross Weight in pounds Packed for Shipping
753	10 x 8	3 x 10 or 3½ x 10	No. 7	\$ 5.00	\$ 5.50	\$ 6.50	\$ 7.00	8
752	12 x 8	3 x 12 or 3½ x 12	No. 8	5.50	6.25	7.00	7.75	10
754	12 x 9	3 x 13 or 3½ x 13	No. 9	6.00	6.75	7.50	8.00	10½

Above Second Floor JONES-NATIONAL SPECIAL REGISTERS are packed INDIVIDUALLY.

LIST PRICES OF JONES-NATIONAL SPECIAL REGISTERS WITHOUT BOXES

Cat. No.	Size of Register Face in inches		Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel
753½	10 x 8	First Floor	\$ 3.40	\$ 3.90	\$ 4.90	\$ 5.40
754½	12 x 9		4.55	5.05	6.05	6.55
755	12 x 10		5.35	5.85	7.10	7.60
756	13 x 11		6.00	6.75	8.00	9.00
757	14 x 12		7.20	8.20	9.20	10.20
753	10 x 8	Second Floor	3.15	3.75	4.65	5.25
752	12 x 8		3.50	4.25	5.00	5.75
754	12 x 9		3.80	4.55	5.30	5.80

For "Two-Inch" Studding or "FLAT-STUD" Partitions we offer the JONES-NATIONAL FLAT-STUD REGISTER, which takes same List as Jones-National Special Register.

Use Jones-National Special catalog numbers in ordering JONES-NATIONAL FLAT-STUD REGISTERS and specify "FLAT-STUD."

JONES-NATIONAL REGISTERS DO NOT STREAK WALLS



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

NATIONAL BASEBOARD REGISTERS

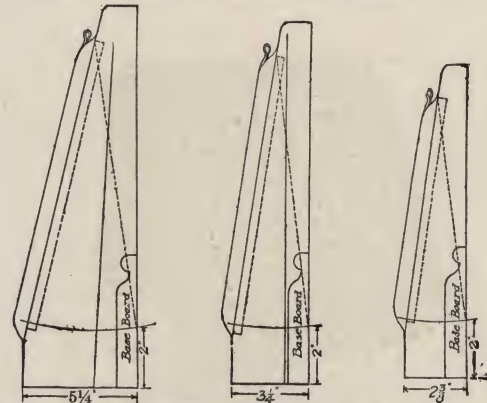
MADE OF PRESSED COLD ROLLED STEEL

Deeply Embossed Narrow Bars

The NATIONAL REGISTER is made of two parts—a register and a border or frame. The frame fits against the plastered wall and the register box passes through the opening and turns over similarly to a floor register box in a floor border. The center, or register proper, fastens over the opening of box by means of two lugs at the top and two catches at bottom of center, which, with a half turn, releases or fastens the center to the register frame.



First Floor Style



Standard First Floor Base Extensions

Second Floor National Registers are attached to Register Box by Flanging Box over frame to make Sealed-Tight Connection—to prevent Streaked Walls—same as first floor.

Register Box Lower Flange sets 2" above finished floor. An Astounding Value.

NATIONAL BASEBOARD REGISTER LISTS have been REDUCED to compare with the Lowest Lists.

Compare the Low Lists below and consider NATIONAL QUALITY.

To prevent mistakes when ordering, use catalog number.

IMPORTANT.—To derive full benefit of the smoke- and streak-preventing feature of NATIONAL REGISTERS, permit flange of register box to extend through and bend over frame. The center is removable.



Second Floor Style and Base Extension



LIST PRICES OF ALL SIZES OF NATIONAL REGISTERS

Cat. No.	Size of Register Face in inches	Base Extension from Plaster in inches	Size of Warm Air Pipe in inches	Japan Black	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Quantity in Shipping Case	Gross Weight in pounds Packed for Shipping
Second Floor									
53	10 x 8	1 1/8	3 1/2 x 10 or No. 7	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85	25	3
52	12 x 8	1 1/8	3 1/2 x 12 or No. 8	2.40	2.90	3.95	4.35	25	3 1/4
54	12 x 9	1 1/8	3 1/2 x 12 or No. 8	2.50	3.00	4.00	4.40	25	3 1/2
First Floor									
53 1/2	10 x 8	2 1/4	8	2.00	2.35	3.50	3.85	25	3 1/4
52 1/2	12 x 8	2 1/4	8 or 9	2.40	2.90	3.95	4.35	25	3 1/2
54 1/2	12 x 9	2 1/4	9	3.00	3.50	4.50	4.90	25	3 3/4
55	12 x 10	2 3/8	10	3.75	4.35	5.50	6.10	25	4
55 1/4	12 x 10	3 1/4	10	4.00	4.60	5.75	6.35	25	4 1/4
56	13 x 11	3 1/4	12	4.50	5.25	6.75	7.50	25	4 1/2
556	13 x 11	5 1/4	12 or 14	5.25	6.00	7.50	8.25	20	4 3/4
557	14 x 12	5 1/4	14 or 16	6.50	7.50	8.50	9.50	20	5 1/2

Register bottom sets level with finished floor; bottom flange of box should set two inches higher

NATIONAL REGISTERS, Properly Installed, DO NOT STREAK WALLS



CAPITOL BASEBOARD REGISTERS

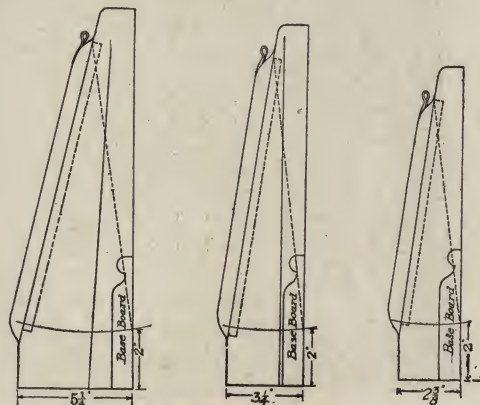
MADE OF PRESSED COLD ROLLED STEEL

Deeply Embossed Narrow Bars Insure Greatest Capacity of any Square Lattice Embossed Bar Design

The CAPITOL REGISTER is made of two parts—a register and a border or frame. The frame fits against the plastered wall and the register box passes through the opening and turns over similarly to a floor register box in a floor border. The center, or register proper, fits over the opening of box by means of two lugs at the top and one or two lugs at the bottom, making a neat finish, as shown in the illustration. We guarantee National Registers against breakage. The lugs at bottom release or fasten center to frame by a half turn.



First Floor Style



Standard First Floor Base Extensions

Second Floor CAPITOL REGISTERS are attached to Register Box by Flanging Box over frame to make a Sealed-Tight Connection to Prevent Streaked Walls—Same as First Floor. CAPITOL REGISTERS offer maximum Beauty, Capacity and Neatness in Design. Neat Round Corners and Graceful in every Detail. CAPITOL REGISTERS take same List as National Registers.

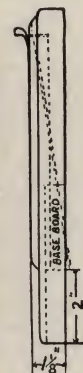
To prevent mistakes when ordering, use catalog number.

Register bottom sets level with finished floor; bottom flange of box should set two inches higher.

Compare the Low Lists below and consider CAPITOL Quality.



Second Floor Style and Base Extension



LIST PRICES OF ALL SIZES OF CAPITOL REGISTERS

Cat. No.	Size of Register Face in inches	Base Extension from Plaster in inches	Size of Warm Air Pipe in inches	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Quantity in Shipping Case	Gross Weight in pounds Packed for Shipping
Second Floor									
253	10 x 8	1 1/8	3 1/2 x 10 or No. 7	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85	25	3
252	12 x 8	1 1/8	3 1/2 x 12 or No. 8	2.40	2.90	3.95	4.35	25	3 1/4
254	12 x 9	1 1/8	3 1/2 x 12 or No. 9	2.50	3.00	4.00	4.40	25	3 1/2
First Floor									
253 1/2	10 x 8	2 1/4	8	2.00	2.35	3.50	3.85	25	3 1/4
252 1/2	12 x 8	2 1/4	8 or 9	2.40	2.90	3.95	4.35	25	3 1/2
254 1/2	12 x 9	2 1/4	9	3.00	3.50	4.50	4.90	25	3 3/4
255	12 x 10	2 3/8	10	3.75	4.35	5.50	6.10	25	4
255 1/4	12 x 10	3 1/4	10	4.00	4.60	5.75	6.35	25	4 1/4
256	13 x 11	3 1/4	12	4.50	5.25	6.75	7.50	25	4 1/2
2556	13 x 11	5 1/4	12 or 14	5.25	6.00	7.50	8.25	20	4 3/4

IMPORTANT.—To derive full benefit of the smoke- and streak-preventing feature of CAPITOL REGISTERS, permit flange of register box to extend through and bend over frame. The center is removable.

CAPITOL REGISTERS, Properly Installed, DO NOT STREAK WALLS



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

MISSION BASEBOARD REGISTERS

MADE OF EXTRA HEAVY COLD ROLLED STEEL—TWO PIECE

The MISSION BASEBOARD REGISTER consists of a beautifully constructed Square Cornered Mission Style Frame made from Extra Heavy Steel, and a Face or Center which is attached to this frame at the top with TWO LUGS and at the bottom with two TURN-CATCHES which by a half turn attach or release center from frame.



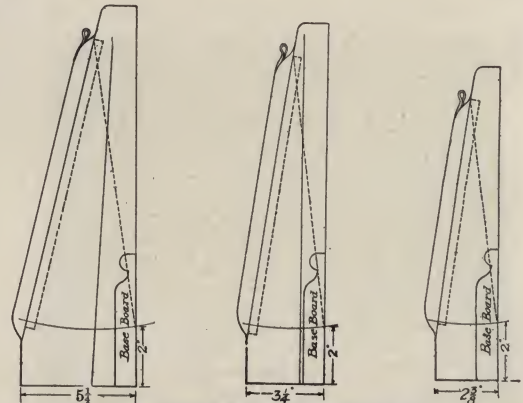
First Floor Style

The Center or Face is in Square Lattice, not embossed. Its exceptionally narrow bars and large, beautifully perforated Square Openings give it the Greatest Capacity found in any unembossed Square Lattice Baseboard Register. Being convex gives the center increased strength and beauty and does not warp as do baseboard registers with flat faces not convex.

MISSION BASEBOARD REGISTERS are attached to both First and Second Floor Boxes by bending Register Box over Frame of Register. The flange makes a SEALED-TIGHT CONNECTION—to Prevent Streaked Walls.

Can be used on same corresponding sizes of Boxes and fittings as Capitol and National Registers.

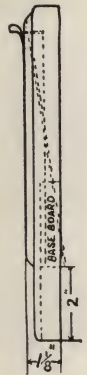
MISSION BASEBOARD REGISTERS excel in Simplicity, Beauty and Neatness.



Standard First Floor Base Extensions



Second Floor Style and Base Extension



NOTE.—Setting Distance from Floor Line is TWO INCHES on all sizes First and Second Floor

LIST PRICES OF ALL SIZES OF MISSION REGISTERS

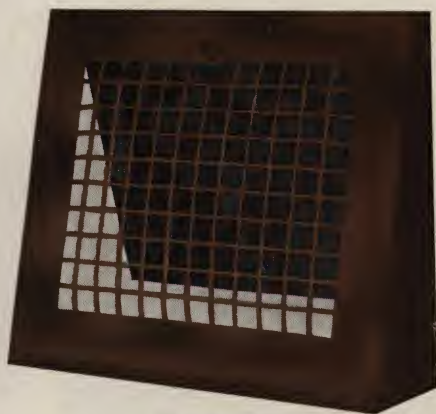
Cat. No.	Size of Register Face in inches	Base Extension from Plaster in inches	Size of Warm Air Pipe in inches	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Quantity in Shipping Case	Gross Weight in pounds Packed for Shipping
Second Floor									
453	10 x 8	1 1/8	3 1/2 x 10 or No. 7	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85	25	3
452	12 x 8	1 1/8	3 1/2 x 12 or No. 8	2.40	2.90	3.95	4.35	25	3 1/4
454	12 x 9	1 1/8	3 1/2 x 12 or No. 9	2.50	3.00	4.00	4.40	25	3 1/2
First Floor									
453 1/2	10 x 8	2 1/4	8	2.00	2.35	3.50	3.85	25	3 1/4
452 1/2	12 x 8	2 1/4	8 or 9	2.40	2.90	3.95	4.35	25	3 1/2
454 1/2	12 x 9	2 1/4	9	3.00	3.50	4.50	4.90	25	3 3/4
455	12 x 10	2 3/8	10	3.75	4.35	5.50	6.10	25	4
455 1/4	12 x 10	3 1/4	10	4.00	4.60	5.75	6.35	25	4 1/4
456	13 x 11	3 1/4	12	4.50	5.25	6.75	7.50	25	4 1/2
4556	13 x 11	5 1/4	12 or 14	5.25	6.00	7.50	8.25	20	4 3/4

IMPORTANT.—To derive full benefit of the smoke- and streak-preventing feature of MISSION REGISTERS, permit flange of register box to extend through and bend over frame. The center is removable.

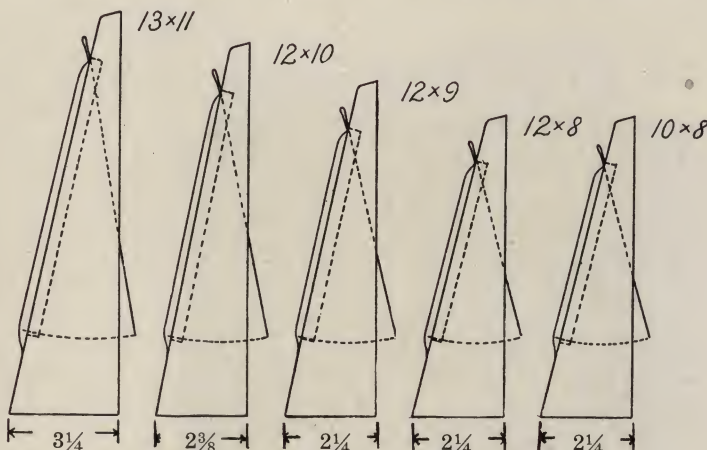
MISSION REGISTERS, Properly Installed, DO NOT STREAK WALLS



LIBERTY BASEBOARD REGISTERS



First Floor Style



Standard First Floor Base Extensions

NOTE.—Setting distance from Floor Line is TWO INCHES on all sizes—First and Second Floor. Bottom flange of register box sets 2 inches above finished floor.

The LIBERTY Baseboard REGISTER is made of Extra Heavy cold-rolled steel and can be furnished in all standard finishes.

This Baseboard Register is made with a One-Piece Front to which is attached the deflector and the Register Box Flange.

The Liberty and Mission Registers have positively the Largest Percentage of Free-Air face opening of any square lattice design unembossed baseboard register. They are identical in proportions and sizes with National, International and Capitol Baseboard Registers.

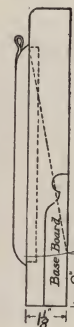
They are equipped with the most POSITIVELY PERFECT OPERATING DEVICE, which is Fully Guaranteed.

Liberty Baseboard Registers are attached by two long screws furnished with each register.

These screws are furnished with both First and Second Floor Sizes.



Second Floor Style and Base Extension



LIST PRICES OF ALL SIZES OF LIBERTY REGISTERS

Cat. No.	Size of Register Face in inches	Base Extension from Plaster in inches	Size of Warm Air Pipe in inches	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel	Quantity in Shipping Case	Gross Weight in pounds Packed for Shipping
Second Floor									
353	10 x 8	1 1/8	3 1/2 x 10 or No. 7	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85	25	3
352	12 x 8	1 1/8	3 1/2 x 12 or No. 8	2.40	2.90	3.95	4.35	25	3 1/2
354	12 x 9	1 1/8	3 1/2 x 12 or No. 9	2.50	3.00	4.00	4.40	25	3 1/2
First Floor									
353 1/2	10 x 8	2 1/4	8	2.00	2.35	3.50	3.85	25	3 1/4
352 1/2	12 x 8	2 1/4	8 or 9	2.40	2.90	3.95	4.35	25	3 1/2
354 1/2	12 x 9	2 1/4	9	3.00	3.50	4.50	4.90	25	3 3/4
355	12 x 10	2 3/8	10	3.75	4.35	5.50	6.10	25	4
355 1/4	12 x 10	3 1/4	10	4.00	4.60	5.75	6.35	25	4 1/4
356	13 x 11	3 1/4	12	4.50	5.25	6.75	7.50	25	4 3/4
3556	13 x 11	5 1/4	12	5.25	6.00	7.50	8.25	20	5 1/2

List prices on LIBERTY REGISTERS compare with lowest list prices on competitive lines, the quality of which cannot compare with the LIBERTY REGISTER.

Liberty Registers set level with finished floor; bottom flange sets same height from finished floor as National; i. e., two inches.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

JONES BASEBOARD REGISTERS

WITH DOUBLE METAL BOXES



Double Header for heating two rooms on the first floor



Improved Jones Register for first floor room

LIST PRICES, ETC., WITH DOUBLE METAL BOXES

Single Head—For First Floor

Cat. No.	Corresponding Size in Common Registers in inches	Size of Warm Air Pipe	Size of Boot	Size of Cut Floor Opening	Size of Top Collar in inches	Black Japan	White Japan or Lacquered Bronze	Electroplated Nickel Brass Bronze Ox. Copper
11	8x12	8 in.	5½ in. x 9½ in.	5½ in. x 10½ in.	None	\$ 4.50	\$ 5.40	\$ 6.00
13	9x12	9 in.	5½ in. x 12½ in.	5½ in. x 12½ in.	3¼ x 9¼	6.00	7.20	7.50
14	10x14	10 in.	5½ in. x 13½ in.	5½ in. x 14 in.	3¼ x 12	6.50	7.50	8.00
14½	10x12	10 in.	6½ in. x 12½ in.	7 in. x 12½ in.	3½ x 10	6.50	7.50	8.00
15	11x13	12 in.	6½ in. x 13½ in.	7 in. x 14 in.	3x12 or 3½x12 ½	7.00	8.40	9.00
17	10x14	12 in.	8½ in. x 12½ in.	8½ in. x 12½ in.	3½ x 10	7.50	9.00	9.50
18	12x14	12 or 14 in.	8½ in. x 13½ in.	8½ in. x 14 in.	3x12 or 3½x12 ½	8.00	9.60	10.00

Double Headers—For First Floor

26	Two 9x12	10 in.	6½ in. x 12½ in.	7½ in. x 12½ in.	3¼ x 9¼	\$ 9.00	\$ 10.80	\$ 12.00
28	Two 10x14	12 in.	7½ in. x 13½ in.	7½ in. x 14 in.	3¼ x 12	10.00	12.00	13.00
29	Two 10x12	12 in.	10 in. x 12½ in.	10½ in. x 13 in.	3½ x 10	10.00	12.00	13.00
30	Two 11x13	14 in.	10 in. x 13½ in.	10½ in. x 14 in.	3 x 12	10.50	12.60	13.50
34	Two 10x14	14 in.	13 in. x 12½ in.	13½ in. x 13 in.	3½ x 10	11.00	13.20	14.25
36	Two 12x14	16 in.	13 in. x 13½ in.	13½ in. x 14 in.	3 x 12	11.50	13.80	15.00

Single Head—For Second Floor

10	8 x 10	No. 7	3 in. x 10 in. or 3½ in. x 10½ in.	3½ in. x 10¾ in. or 3¾ in. x 10¾ in.	None	\$ 3.50	\$ 4.20	\$ 5.00
12	9 x 12	No. 6 or 8	3 in. x 12 in. or 3½ in. x 12½ in.	3¼ in. x 12½ in. or 3¾ in. x 12¾ in.	3¼ x 9¼	4.00	4.80	5.50
412	10 x 12	No. 9	3½ in. x 13½ in.	3¾ in. x 13¾ in.	3¼ x 12	5.50	6.60	7.00

Double Headers—For Second Floor

20	Two 8x10	No. 7	3 in. x 10 in. or 3½ in. x 10½ in.	3½ in. x 10¾ in.	None	\$ 6.50	\$ 7.80	\$ 9.00
24	Two 9x12	No. 6 or 8	3 in. x 12 in. or 3½ in. x 12½ in.	3½ in. x 12¾ in. or 3¾ in. x 12¾ in.	3¼ x 9¼	7.50	9.00	10.00
426	Two 10x12	No. 9	3½ in. x 13½ in.	3¾ in. x 13¾ in.	3¼ x 12	8.50	10.20	11.50

We make Jones Registers to order where the partition is wider than regular. For special registers, add \$2.00 to list.

We can furnish double headers with one finish on one side and another finish on the other. If finish is not specified, we will use our best judgment in filling orders.

All Jones Registers listed are made for ordinary partitions where 3¾ studding is used



THE NATIONAL CONVEX REGISTERS

MADE OF PRESSED COLD ROLLED STEEL
TO BE PLACED ABOVE BASEBOARD IN THE SIDE WALL

The NATIONAL CONVEX REGISTERS are made either horizontal or vertical.

The first figure given in numbering denotes the width of the register; the last figure denotes the height.

For example:—

8 x 10 = Vertical.

10 x 8 = Horizontal.



Vertical Style, 8 x 10
Design Patented



Horizontal Style, 10 x 8
Design Patented

We guarantee NATIONAL CONVEX REGISTERS
against breakage.

NATIONAL CONVEX REGISTERS match in design
the JONES-NATIONAL and NATIONAL REGISTERS.

LIST PRICES, ETC., OF NATIONAL CONVEX REGISTERS

Size of Opening in inches	Fits Register Box	Quantity in Shipping Case	Wallpipe	Black Japan	White Japan or Lacquered Bronze	Electro-plated Ox. Copper	Electroplated Brass, Bronze or Nickel
8x10	8 in. wide x 10 in. high	} 50	3½ in. x 10 in.	\$1.65	\$2.00	\$3.15	\$3.85
10x 8	10 " " " 8 " "		3½ in. x 12 in.	1.65	2.00	3.15	3.85
12x 8	12 " " " 8 " "	} 50	3½ in. x 12 in.	1.90	2.30	3.65	4.40
9x12	9 " " " 12 " "		3½ in. x 12 in.	2.10	2.55	4.00	5.10
12x 9	12 " " " 9 " "	} 50	3½ in. x 12 in.	2.10	2.55	4.00	5.10
12x10	12 " " " 10 " "		3½ in. x 13 in.	2.40	2.90	4.40	5.50
13x11	13 " " " 11 " "	35	4 in. x 14 in.	3.15	3.80	5.25	6.55
14x12	14 " " " 12 " "	35	8 in. x 14 in.	4.35	5.25	6.85	8.00

NATIONAL CONVEX REGISTERS are attached to stack head by tin straps or by same method as used for installing any wafer deflecting register.

Be careful to designate whether Vertical or Horizontal Registers are required.

To prevent mistakes when ordering, use catalog numbers.

NATIONAL CONVEX REGISTERS have same PERFECT Operating Device as on JONES-NATIONAL and NATIONAL BASEBOARD REGISTERS.

EASY TO INSTALL -- -- FIT SNUGLY TO THE WALL



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

CAPITOL CONVEX REGISTERS

MADE OF PRESSED COLD ROLLED STEEL

TO BE PLACED ABOVE BASEBOARD IN THE SIDE WALL

Deeply embossed Square Lattice Design. Gives it Maximum Capacity and the same Beautiful Appearance of the CAPITOL BASEBOARD REGISTER, which it matches exactly in Design.

The CAPITOL CONVEX REGISTERS are made either HORIZONTAL or VERTICAL.

The first figure given in numbering denotes the width of the Register; the Last figure denotes the Height.

For example:—

8 x 10 = Vertical.

10 x 8 = Horizontal.



Vertical Style, 8 x 10



Horizontal Style, 10 x 8

CAPITOL CONVEX REGISTERS are guaranteed against breakage.

Fit all Standard Makes of Stack Heads.

Each register when shipped is wrapped in Heavy Kraft Paper and packed in wood shipping cases.

LIST PRICES, ETC., OF CAPITOL CONVEX REGISTERS

Size of Opening in inches	Fits Register Box	Quantity in Shipping Case	Wallpipe	Black Japan	White Japan or Lacquered Bronze	Electroplated Ox. Copper	Electroplated Brass, Bronze or Nickel
8x10	8 in. wide x 10 in. high	} 50	3½ in. x 10 in.	\$ 1.65	\$ 2.00	\$ 3.15	\$ 3.85
10x 8	10 " " " 8 " "		3½ in. x 12 in.	1.65	2.00	3.15	3.85
12x 8	12 " " " 8 " "	} 50	3½ in. x 12 in.	1.90	2.30	3.65	4.40
9x12	9 " " " 12 " "		3½ in. x 12 in.	2.10	2.55	4.00	5.10
12x 9	12 " " " 9 " "	} 50	3½ in. x 13 in.	2.10	2.55	4.00	5.10
12x10	12 " " " 10 " "		4 in. x 14 in.	2.40	2.90	4.40	5.50
13x11	13 " " " 11 " "	35		3.15	3.80	5.25	6.55

CAPITOL CONVEX REGISTERS are attached to stack head by tin straps or by same method as used for installing any wafer deflecting register.

Be careful to designate whether Vertical or Horizontal Registers are required.

To prevent mistakes when ordering, use catalog numbers.

CAPITOL CONVEX REGISTERS have same Perfect Operating Device as on CAPITOL BASEBOARD REGISTERS.

EASY TO INSTALL -- -- FIT SNUGLY TO THE WALL



MISSION CONVEX REGISTERS

MADE OF EXTRA HEAVY COLD ROLLED STEEL

Square Lattice Design, not embossed, which, with exceptionally narrow bars in fretwork, permit the Largest Capacity of any unembossed Square Lattice Design. They match Mission and Liberty Baseboard Registers in Design.

TO BE PLACED ABOVE BASEBOARD IN THE SIDE WALL.

MISSION CONVEX REGISTERS are made either Horizontal or Vertical.

The first figure given in numbering denotes the width of the register and the Last figure denotes the Height.

For example:—

8 x 10 = Vertical.

10 x 8 = Horizontal.



Vertical Style, 8 x 10



Horizontal Style, 10 x 8

MISSION CONVEX REGISTERS are guaranteed against breakage.

Fit all standard makes of Stack Heads.

Each Register when shipped is wrapped in Heavy Kraft Paper and packed in wood shipping cases.

LIST PRICES, ETC., OF MISSION CONVEX REGISTERS

Size of Opening in inches	Fits Register Box	Quantity in Shipping Case	Wallpipe	Black Japan	White Japan or Lacquered Bronze	Electro-plated Ox. Copper	Electroplated Brass, Bronze or Nickel
8x10	8 in. wide x 10 in. high	} 50	3½ in. x 10 in.	\$ 1.65	\$ 2.00	\$ 3.15	\$ 3.85
10x 8	10 " " " 8 " "			1.65	2.00	3.15	3.85
12x 8	12 " " " 8 " "	} 50	3½ in. x 12 in.	1.90	2.30	3.65	4.40
9x12	9 " " " 12 " "			2.10	2.55	4.00	5.10
12x 9	12 " " " 9 " "	} 50	3½ in. x 12 in.	2.10	2.55	4.00	5.10
12x10	12 " " " 10 " "			2.40	2.90	4.40	5.50
13x11	13 " " " 11 " "	35	4 in. x 14 in.	3.15	3.80	5.25	6.55

MISSION CONVEX REGISTERS are attached to stack head by tin straps or by same method as used for installing any wafer deflecting register.

Be careful to designate whether Vertical or Horizontal Registers are required.

To prevent mistakes when ordering, use catalog numbers.

Mission Convex Registers have the same Perfect and Dependable Operating Device as used on Mission and Liberty Baseboard Registers.

EASY TO INSTALL -- -- FIT SNUGLY TO THE WALL



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

NATIONAL BASEBOARD COLD-AIR FACES

MADE OF PRESSED COLD ROLLED STEEL AND
FURNISHED WITHOUT BOXES



LIST PRICES OF NATIONAL BASEBOARD COLD-AIR FACES

Catalog Number	Size of Face Opening in inches	Extension from Plaster	Black Japan	White Japan or Lacquered Bronze	Ox. Copper	Brass Bronze or Nickel
1014	10 x 14	5 in.	\$ 2.50	\$ 3.00	\$ 4.50	\$ 4.80
1030	10 x 30	5 in.	5.00	6.25	9.00	10.00
1217	12 x 16	5 in.	4.00	4.80	5.50	6.25
1227	12 x 26	5 in.	5.50	6.60	8.25	9.25
1232	12 x 32	5 in.	7.00	8.40	11.00	12.00

Beautifully designed with Deeply Embossed Narrow Bars—Match Perfectly in Design JONES-NATIONAL and NATIONAL BASEBOARD REGISTERS.

Are as Marked an Improvement over Floor Cold-Air Faces as JONES-NATIONALS are over Floor Registers.

Two Long Wood Screws are furnished with each NATIONAL BASEBOARD COLD-AIR FACE.

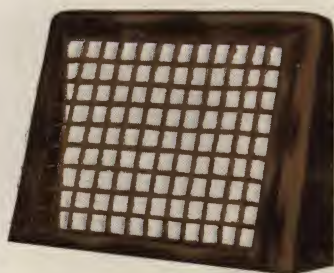
Always order by catalog number, specifying finish required.

SAVES CUTTING ANY HOLES IN THE FLOOR



CAPITOL BASEBOARD COLD-AIR FACES

MADE OF PRESSED COLD ROLLED STEEL AND
FURNISHED WITHOUT BOXES



LIST PRICES OF CAPITOL BASEBOARD COLD-AIR FACES

Catalog Number	Size of Face Opening in inches	Extension from Plaster in inches	Black Japan	White Japan or Lacquered Bronze	Electroplated Ox. Copper	Brass Bronze or Nickel
2014	10 x 14	5	\$ 2.50	\$ 3.00	\$ 4.50	\$ 4.80
2030	10 x 30	5	5.00	6.25	9.00	10.00
2217	12 x 16	5	4.00	4.80	5.50	6.25
2227	12 x 26	5	5.50	6.60	8.25	9.25
2232	12 x 32	5	7.00	8.40	11.00	12.00

Beautifully designed with Deeply Embossed Narrow Bars—Match Perfectly the CAPITOL BASEBOARD REGISTER.

Are as Marked an Improvement over Floor Cold-Air Faces as Baseboard Registers are over Floor Registers.

Two Long Wood Screws are furnished with each CAPITOL BASEBOARD COLD-AIR FACE for attaching same to the Studding or Wall.

Always order by catalog number, specifying finish required.

SAVES CUTTING ANY HOLES IN THE FLOOR



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

NATIONAL CONVEX VENTILATING FACES

MADE OF WROUGHT STEEL

Number 514



Design Patented

Number 524



Design Patented

Number 530



Design Patented

To supply an increasing demand for a Baseboard Ventilating Face of Wrought steel to correspond with the NATIONAL REGISTER, we submit for your approval the new NATIONAL CONVEX VENTILATING FACE. These faces, properly installed, should be set down to the floor line and fastened to the outside of baseboard with wood screws.

This list also applies to CAPITOL CONVEX VENTILATING FACES.

LIST PRICES OF NATIONAL CONVEX VENTILATING FACES

Catalog Number	Measurement Over All	Black Japan	White Japan or Lacquered Bronze	Oxidized Copper	Brass Bronze or Nickel
514	5½ in. x 16⅝ in.	\$1.00	\$1.40	\$2.00	\$ 2.40
524	5½ in. x 26 in.	1.75	2.25	3.65	4.00
530	5½ in. x 32¼ in.	2.15	3.00	4.60	5.00

CAPITOL CONVEX VENTILATING FACES are in SQUARE LATTICE DESIGN with Embossed Bars to match CAPITOL BASEBOARD REGISTER.

They take same Catalog Numbers and List Prices as above List. To prevent mistakes when ordering, use catalog numbers.

VALUABLE FOR VENTILATING SECOND-FLOOR ROOMS



Four Styles That Interchange Faces and Fittings



NATIONAL—Two-Piece

See Page 20 for Complete Prices,
Sizes and Dimensions

**NATIONAL,
CAPITOL
and
MISSION
FACES**

fit the same
Register
Heads, Boots
and Angles.

The Register
Box on all
three, flanges
over the Register
Frame —
Result, a Tight
Connection.

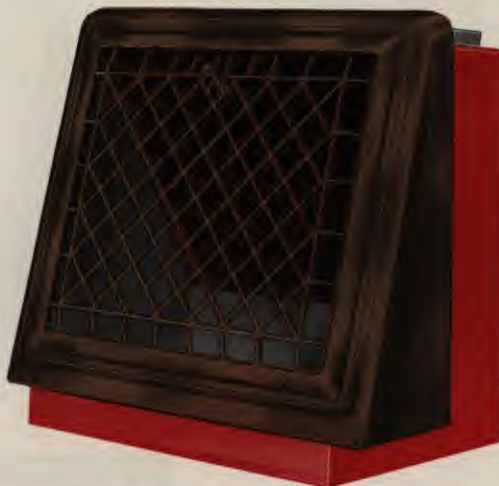


CAPITOL—Two-Piece

See Page 21 for Complete Prices,
Sizes and Dimensions

**JONES-NATIONAL
Two-Piece**

Complete with Double Box



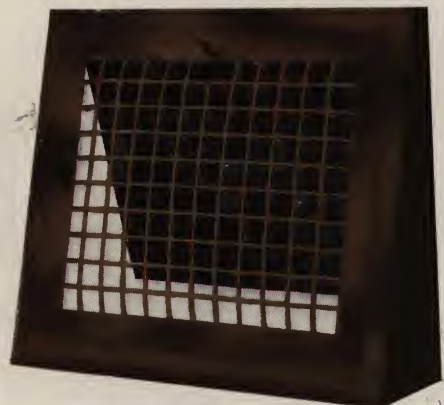
Made in all Standard Sizes
and finish.

See Pages 14, 15, 16 and 17
for complete Prices, Sizes
and Dimensions.



MISSION—Two-Piece

See Page 22 for Complete Prices,
Sizes and Dimensions



LIBERTY—One-Piece

See Page 23 for Complete Prices,
Sizes and Dimensions



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

Baseboard or Convex Cold-Air Faces Match Baseboard Register Designs



National Convex Registers

List Prices, Page 25

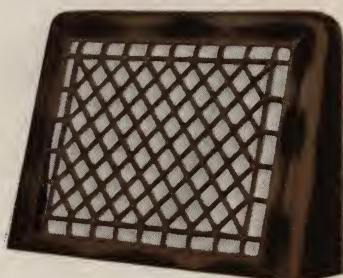


National Convex Register
Vertical Style

National Baseboard Cold-Air Faces



are Made in



Capitol Convex
Registers
Listed
On Page 26

Mission Convex
Registers
Listed
On Page 27



National Convex Register
Horizontal Style

all Required Sizes

List Prices, Page 28

The Above in Embossed Square Design
are CAPITOL BASEBOARD FACES.
List Prices, Page 29.

National Convex Ventilating Faces

List Prices
Page 30

Design Patented



Capitol Convex Ventilating Faces
Square Lattice Embossed Design
take same List as National Convex
Ventilating Faces. See Page 30.



Design Patented



Design Patented



LIST PRICES OF ALL OF OUR LINES

Baseboard and Sidewall Registers — Baseboard and Convex Cold-Air Faces

JONES-NATIONAL REGISTERS WITH BOXES

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze Brass or Nickel
853½	\$ 4.00	\$ 4.50	\$ 5.50	\$ 6.00
854½	5.25	5.75	6.75	7.25
856	6.25	6.75	8.00	8.50
856	7.00	7.75	9.00	10.00
857	8.50	9.50	10.50	11.50
856¼	6.50	7.00	8.00	8.75
8566	8.00	8.75	10.00	11.00
8557	9.00	10.00	11.00	12.00
2- 854½	8.50	9.50	11.50	12.50
2- 856	10.00	11.00	13.00	14.00
2- 856	11.50	13.00	15.50	17.00
2- 857	14.50	16.50	18.50	20.00
2- 856¼	10.50	12.00	14.00	15.00
2- 8556	14.00	15.00	17.00	18.00
2- 8557	16.00	17.00	19.00	20.00
853	3.50	4.20	5.00	5.50
852	4.00	4.80	5.50	6.00
854	4.50	5.25	6.00	6.50
2- 853	5.75	6.50	8.50	9.50
2- 852	6.50	7.50	9.50	10.50
2- 854	7.00	8.00	10.00	11.00

NATIONAL BASEBOARD REGISTERS

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Brass Bronze Nickel
53	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85
52	2.40	2.90	3.95	4.35
54	2.50	3.00	4.00	4.40
53½	2.00	2.35	3.50	3.85
52½	2.40	2.90	3.95	4.35
54½	3.00	3.50	4.50	4.90
55	3.75	4.35	5.50	6.10
55¼	4.00	4.60	5.75	6.35
56	4.50	5.25	6.75	7.50
556	5.25	6.00	7.50	8.25
557	6.50	7.50	8.50	9.50

CAPITOL BASEBOARD REGISTERS

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Brass Bronze Nickel
253	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85
252	2.40	2.90	3.95	4.35
254	2.50	3.00	4.00	4.40
253½	2.00	2.35	3.50	3.85
252½	2.40	2.90	3.95	4.35
254½	3.00	3.50	4.50	4.90
255	3.75	4.35	5.50	6.10
255¼	4.00	4.60	5.75	6.35
256	4.50	5.25	6.75	7.50
2556	5.25	6.00	7.50	8.25

MISSION BASEBOARD REGISTERS

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Brass Bronze Nickel
453	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85
452	2.40	2.90	3.95	4.35
454	2.50	3.00	4.00	4.40
453½	2.00	2.35	3.50	3.85
452½	2.40	2.90	3.95	4.35
454½	3.00	3.50	4.50	4.90
455	3.75	4.35	5.50	6.10
455¼	4.00	4.60	5.75	6.35
456	4.50	5.25	6.75	7.50
4556	5.25	6.00	7.50	8.25

LIBERTY BASEBOARD REGISTERS

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Brass, Bronze or Nickel
353½	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85
352½	2.40	2.90	3.95	4.35
354½	3.00	3.50	4.50	4.90
355	3.75	4.35	5.50	6.10
355¼	4.00	4.60	5.75	6.35
356	4.50	5.25	6.75	7.50
3556	5.25	6.00	7.50	8.25

NATIONAL CONVEX REGISTERS

Size in inches	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze, Brass or Nickel
8 x 10	\$ 1.65	\$ 2.00	\$ 3.15	\$ 3.85
10 x 8	1.65	2.00	3.15	3.85
12 x 8	1.90	2.30	3.65	4.40
9 x 12	2.10	2.55	4.00	5.10
12 x 9	2.10	2.55	4.00	5.10
12 x 10	2.40	2.90	4.40	5.50
13 x 11	3.15	3.80	5.25	6.55
14 x 12	4.35	5.25	6.85	8.00

CAPITOL CONVEX REGISTERS

Size in inches	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze, Brass or Nickel
8 x 10	\$ 1.65	\$ 2.00	\$ 3.15	\$ 3.85
10 x 8	1.65	2.00	3.15	3.85
12 x 8	1.90	2.30	3.65	4.40
9 x 12	2.10	2.55	4.00	5.10
12 x 9	2.10	2.55	4.00	5.10
12 x 10	2.40	2.90	4.40	5.50
13 x 11	3.15	3.80	5.25	6.55

MISSION CONVEX REGISTERS

Size in inches	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze, Brass or Nickel
8 x 10	\$ 1.65	\$ 2.00	\$ 3.15	\$ 3.85
10 x 8	1.65	2.00	3.15	3.85
12 x 8	1.90	2.30	3.65	4.40
9 x 12	2.10	2.55	4.00	5.10
12 x 9	2.10	2.55	4.00	5.10
12 x 10	2.40	2.90	4.40	5.50
13 x 11	3.15	3.80	5.25	6.55

NATIONAL BASEBOARD FACES

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze Brass or Nickel
1014	\$ 2.50	\$ 3.00	\$ 4.50	\$ 4.80
1030	5.00	6.25	9.00	10.00
1217	4.00	4.80	5.50	6.25
1227	5.50	6.60	8.25	9.25
1232	7.00	8.40	11.00	12.00

CAPITOL BASEBOARD FACES

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze Brass or Nickel
1014	\$ 2.50	\$ 3.00	\$ 4.50	\$ 4.80
1030	5.00	6.25	9.00	10.00
1217	4.00	4.80	5.50	6.25
1227	5.50	6.60	8.25	9.25
1232	7.00	8.40	11.00	12.00

NATIONAL CONVEX VENTILATING FACES

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze Brass or Nickel
514	\$ 1.00	\$ 1.40	\$ 2.00	\$ 2.40
524	1.75	2.25	3.65	4.00
530	2.15	3.00	4.60	5.00

CAPITOL CONVEX VENTILATING FACES

Cat. No.	Black Japan	White Jap. or Lacq'r'd Br.	Plated Ox. Cop.	Plated Bronze Brass or Nickel
514	\$ 1.00	\$ 1.40	\$ 2.00	\$ 2.40
524	1.75	2.25	3.65	4.00
530	2.15	3.00	4.60	5.00

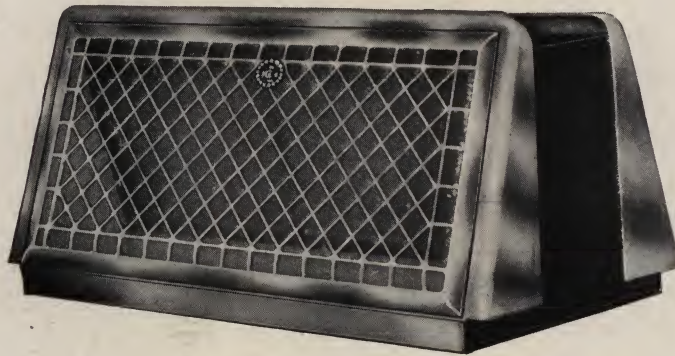


UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

NATIONAL ONE-PIPE REGISTERS

MADE OF PRESSED COLD ROLLED STEEL, PERFECTLY FORMED AND EMBOSSED AND BEAUTIFULLY FINISHED IN BOTH SINGLE- AND DOUBLE-HEADER TYPES

Double Header



These are furnished complete with double metal register boxes which, in the case of double-header registers, are equipped with one dividing damper suspended from the lowest point of that part of top of box that forms the insulating protective section. This makes it easy to equally divide the warm-air supply or divert whatever portion is required through each or either side of the register. This arrangement is also a safeguard against the registers becoming completely closed and the circulation of air stopped. (This applies only to Double-Head NATIONAL ONE-PIPE REGISTERS.)

LIST PRICES COMPLETE WITH BOXES, DAMPERS AND OPERATING DEVICES

Catalog Number	Size of Face Opening in Inches	Size of Boot Opening	Extension from Plas'r	Black Japan	White Japan and Lacq'd Bronze	Plated Ox. Cop.	Plated Brass Bronze or Nickel	Double Boxes Only
434	Two 12 x 17	14 in. x 17 in.	5 in.	\$ 17.00	\$ 18.60	\$ 20.00	\$ 21.50	\$ 7.00
454	Two 12 x 27	14 in. x 27 in.	5 in.	23.00	25.20	28.50	30.50	9.00
466	Two 12 x 33	14 in. x 33 in.	5 in.	29.00	31.80	37.00	39.00	11.00

Above list prices include two Register Faces with box, thus forming one complete National One-Pipe Register.

Boxes for National One-Pipe Register have a commodious air space in top of box for fire protection.

To prevent mistakes, order by catalog number.

LIST PRICES OF U. S. COLD-AIR FACES USED WITH NATIONAL ONE-PIPE REGISTERS WHEN PIPELESS FURNACES ARE INSTALLED

Size in inches	Black Japan	Oxidized Copper	Brass or Nickel
12 x 18N	\$ 3.90	\$ 6.65	\$ 8.35
12 x 26N	7.00	12.00	17.00
12 x 34N	11.00	16.00	20.00

When ordering U. S. Steel Cold-Air Faces to be used with NATIONAL ONE-PIPE REGISTERS, refer to the list and specify the letter "N" after giving the dimensions of the face required. For example: "12 x 34N."

Equipped with four-sided Supporting Bar.

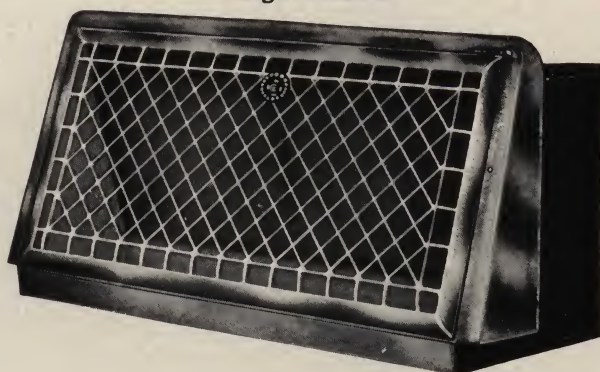
Boots and fittings for NATIONAL ONE-PIPE REGISTERS are listed on page 86.



NATIONAL ONE-PIPE REGISTERS

MADE OF PRESSED COLD ROLLED STEEL, WITH DOUBLE METAL BOX ATTACHED

Single Header



The SINGLE-HEADER NATIONAL ONE-PIPE REGISTER is furnished with adjustable deflector.

Care should be used not to completely shut off register on a one-pipe job.

The SINGLE-HEADER type is also made in three sizes.

It can be secured without deflectors, if so specified.

LIST PRICES COMPLETE WITH BOX, DAMPER AND OPERATING DEVICE

Catalog Number	Size of Face Opening in inches	Size of Boot Opening	Extension from Plaster	Black Japan	White Japan	Plated Oxidized Copper	Plated Brass, Bronze or Nickel	Double Boxes Only
217	12 x 17	9 in. x 17 in.	5 in.	\$ 9.00	\$ 9.80	\$ 10.50	\$ 11.25	\$ 4.00
227	12 x 27	9 in. x 27 in.	5 in.	12.50	13.60	15.25	16.25	5.50
233	12 x 33	9 in. x 33 in.	5 in.	16.00	17.40	20.00	21.00	7.00

Above list includes one register face, damper and box complete, forming one complete National One-Pipe Register.

LIST PRICES OF COMPONENT PARTS OF NATIONAL ONE-PIPE REGISTER

Catalog Number	Size of Face in inches	FACES				Handles All Sizes		Deflectors	Opg. Screws	Bolts and Springs
		Black Japan	White Japan	Plated Oxidized Copper	Plated Bronze Nickel	Black Japan	Plated Ox. Cop. and Other Finishes			
1217	12 x 17	\$ 4.00	\$ 4.80	\$ 5.50	\$ 6.25	\$.20	\$.30	\$ 1.00	\$.50	\$.20
1227	12 x 27	5.50	6.60	8.25	9.25	.20	.30	2.00	.50	.20
1233	12 x 33	7.00	8.40	11.00	12.00	.20	.30	3.00	.50	.20

Be sure to order NATIONAL ONE-PIPE REGISTERS by catalog number.

Boots and angles for NATIONAL ONE-PIPE REGISTERS are listed on page 86.

To prevent mistakes, order by catalog number.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

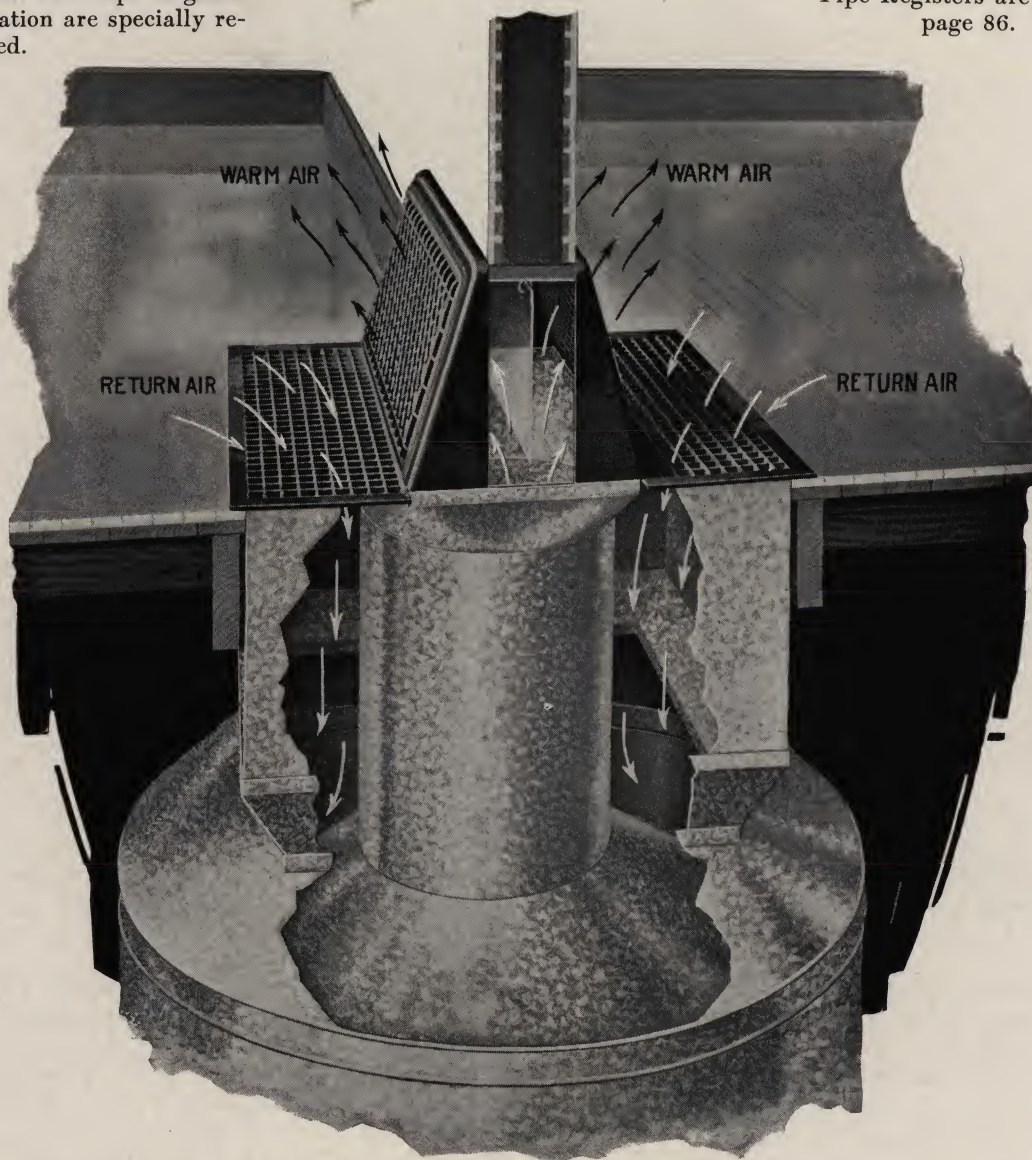
NATIONAL ONE-PIPE REGISTERS

And How to Use Them

The illustration on this page shows the NATIONAL ONE-PIPE REGISTER installed in connection with a regular double-cased pipeless furnace.

U. S. STEEL FACES for National One-Pipe Register installation are specially reinforced.

BOOTS for National One-Pipe Registers are listed on page 86.



These registers can be used with any pipeless furnace by very slightly changing, in some cases, the size of the square cold-air pipe which would fit around the two U. S. COLD-AIR FACES, between which is set the NATIONAL ONE-PIPE REGISTER.

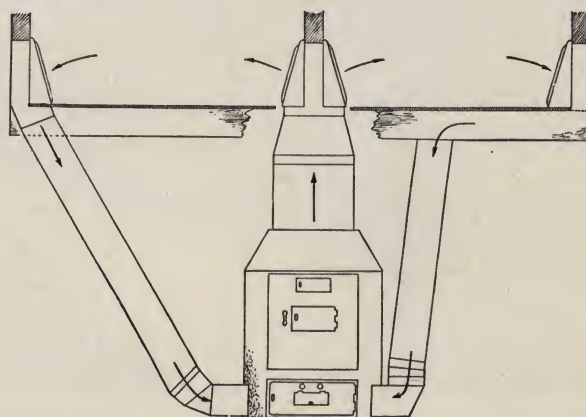
The Double-Header NATIONAL ONE-PIPE REGISTER has one adjustable diaphragm or damper by which the warm-air supply can be equally divided or apportioned through either side of the register as desired, but cannot be closed entirely off.



NATIONAL ONE-PIPE REGISTERS

And What They Can Do When Properly Used

The diagram below shows the most practical manner of installing a One-Pipe System, using a NATIONAL ONE-PIPE BASEBOARD REGISTER



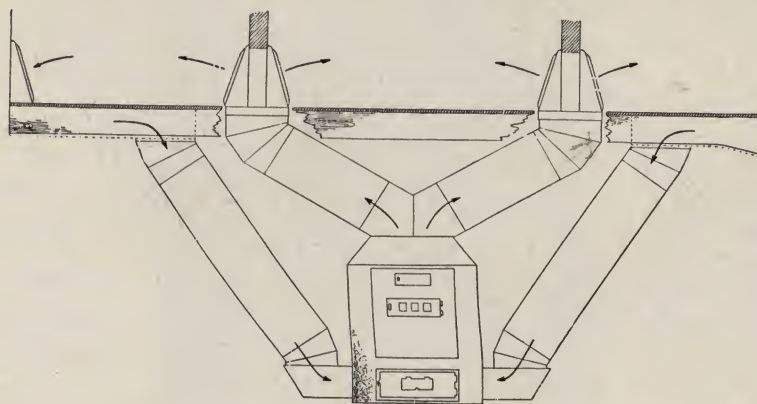
For returning cold air to the furnace.

Cold-air return at right shows saving in headroom and pipe by boxing-in of joists.

Cold-air return at left shows direct drop from cold-air face to furnace.

For delivering warm air from the furnace into the rooms to be heated, giving an equal division of warm air if desired or whatever distribution is required.

TWO DOUBLE-HEAD NATIONAL ONE-PIPE REGISTERS ON A TWO-PIPE INSTALLATION



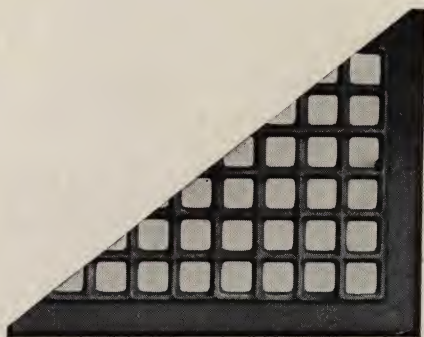
A WONDERFUL ARRANGEMENT IN THE RIGHT PLACE



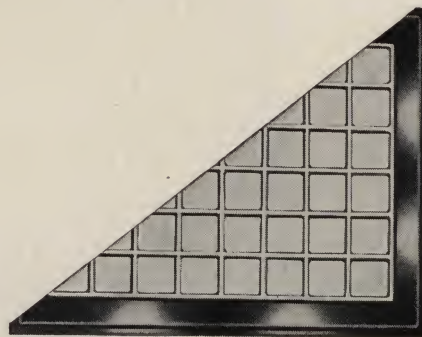
UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

Showing A Comparison of Register Face Capacities in U. S. Steel Floor Registers

Why U. S. Floor Registers have MORE CAPACITY — GREATEST STRENGTH — YET — their BEAUTY is not PINCHED OUT. The NEAT, SQUARE CORNERS are Retained and Maximum Capacities Furnished.



Old-Style



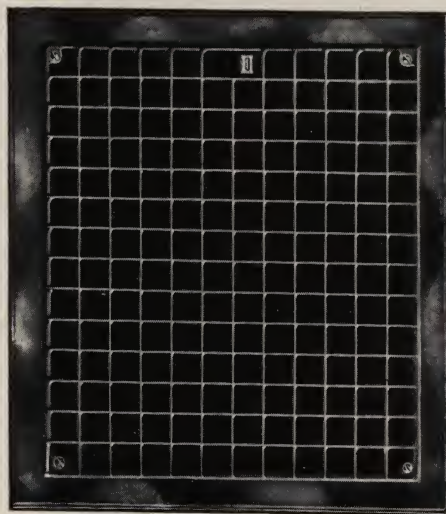
New-Style

We offer in the Above Illustrations exact Reproductions from the actual Register Faces which speak truly of the strides made to make Registers of Honest, Correct Capacities without destruction of Beauty in Design.

The Heaviest Gauge of Steel that it is possible to use and that is required, is used in the U. S. Steel Floor Register Faces.

No other Floor Register equals the U. S. STEEL FLOOR REGISTER in its Combined Features of STRENGTH, BEAUTY and CAPACITY.

**CAPACITY GAINED
By the NARROW BARS**

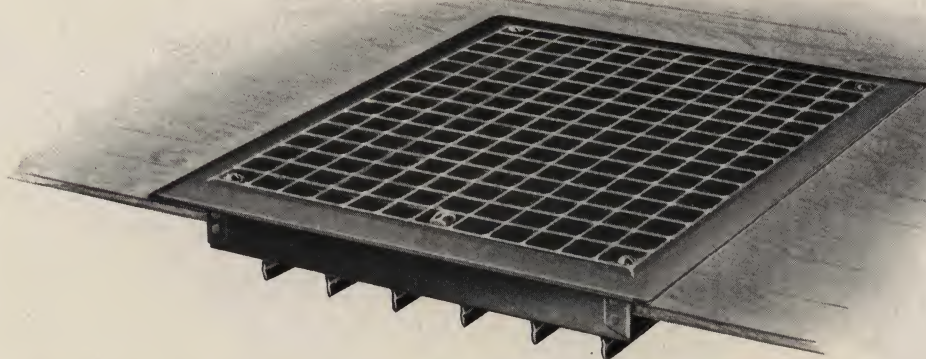


**Is not LOST at
their Intersections**



New U. S. Pressed Steel Floor Registers

WITH DEEPLY EMBOSSED NARROW BARS
MAXIMUM CAPACITY



The New Style U. S. STEEL FLOOR REGISTERS are constructed of cold rolled steel, perfectly perforated and deeply embossed to give maximum strength and capacity. When installed, they fit snugly to the finished floor. Note the beveled edge of register face, which makes unnecessary the sinking of the face in the floor, as is necessary with cast registers.

Do not break and easier to handle and install

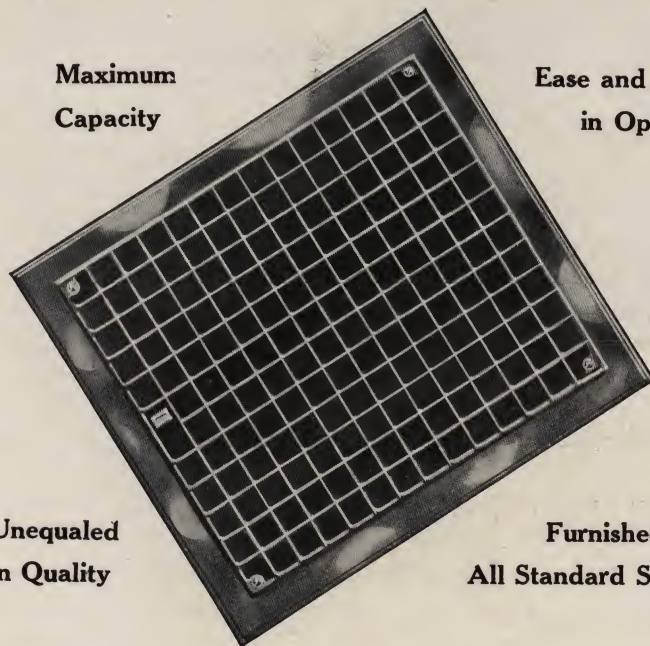
AN EXACT REPRODUCTION OF THE ACTUAL U. S. STEEL FLOOR REGISTER

**Maximum
Capacity**

**Ease and Perfection
in Operation**

**Unequaled
in Quality**

**Furnished in
All Standard Sizes**



The Square Lattice Design is adhered to on all sizes up to and inclusive of 14 inches in width. Packing quantities to the case or package, as well as shipping weights, are given on page 53.

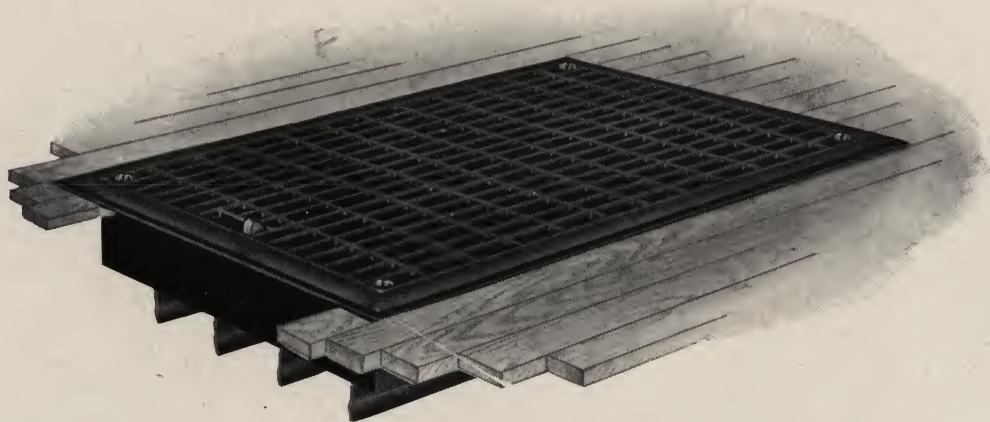
List Prices are given on pages 43, 44, 45, 46, 47. Extreme Outside Dimensions are given on page 51.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

New U. S. Pressed Steel Floor Registers

WITH DEEPLY EMBOSSED NARROW BARS
MAXIMUM CAPACITY



U. S. STEEL FLOOR REGISTERS, when installed, fit snugly and neatly to the finished floor and plastered wall or ceiling.

Large U. S. Steel Registers are most easily operated of any register of similar sizes. This feature has made them a favorite with the leading architects.



Oblong Openings Run the Long Way of the Face—Not Cross Ways

NOTE.—U. S. STEEL FLOOR REGISTERS in sizes 16 inches Wide and Wider are built only with Rectangular or Oblong Openings.

The Gauge of Steel used is Increased as the Sizes of Registers Increase.

List Prices are given on pages 43, 44, 45, 46 and 47.

Extreme Outside Dimensions are given on page 51.

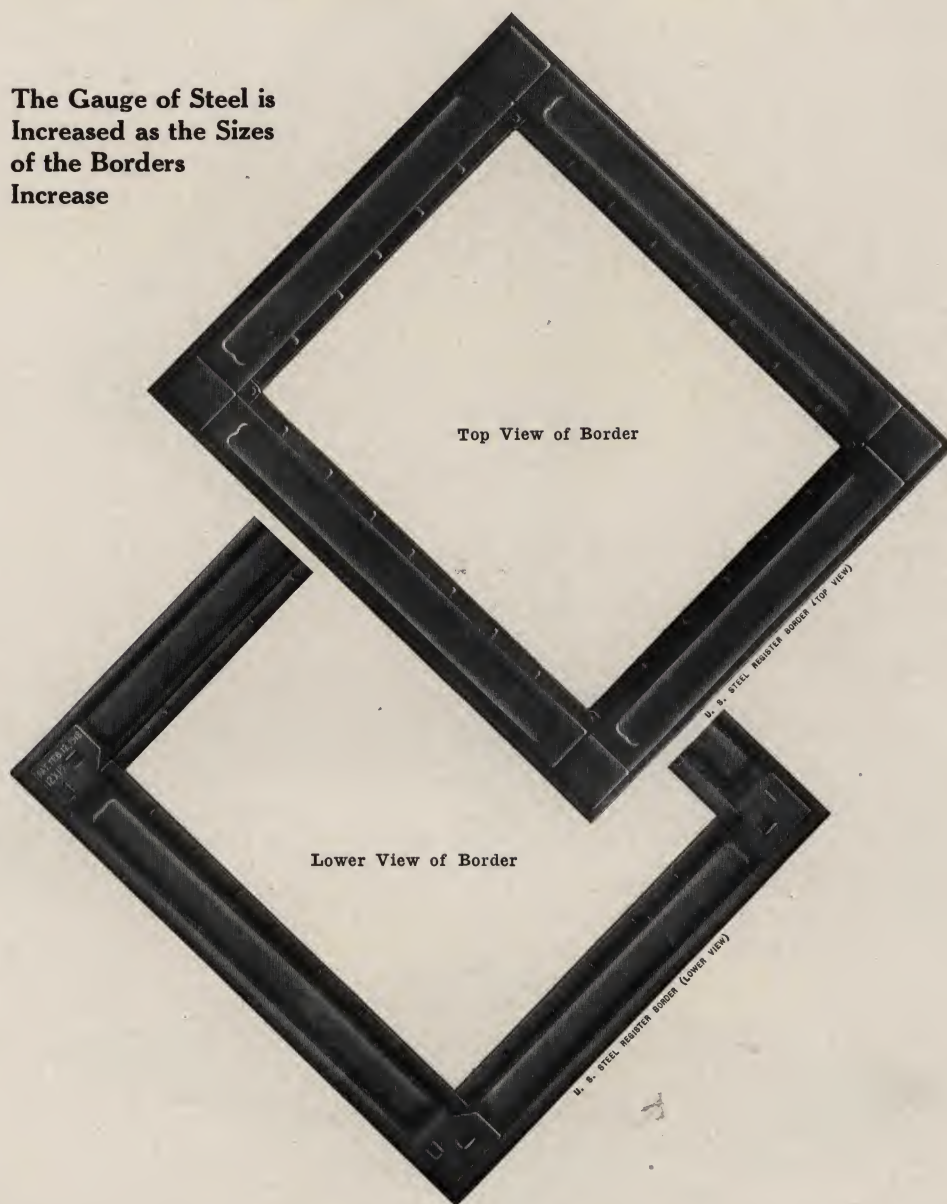
Boxes for registers 16 inches wide and larger should be built deeper than for the smaller sizes.



U. S. STEEL REGISTER BORDERS

MADE OF COLD ROLLED STEEL

The Gauge of Steel is
Increased as the Sizes
of the Borders
Increase



U. S. STEEL REGISTER BORDERS will not break. The edges of border are beveled so they fit tightly to the finished floor without having to be countersunk.

They are made of but four strips of heavy gauge steel, firmly joined at the four corners. The corner lugs are a part of the border sides, therefore there are no riveted corner lugs to get easily out of line. (This feature is patented.)

List Prices are given on pages 43, 44, 45, 46 and 47.



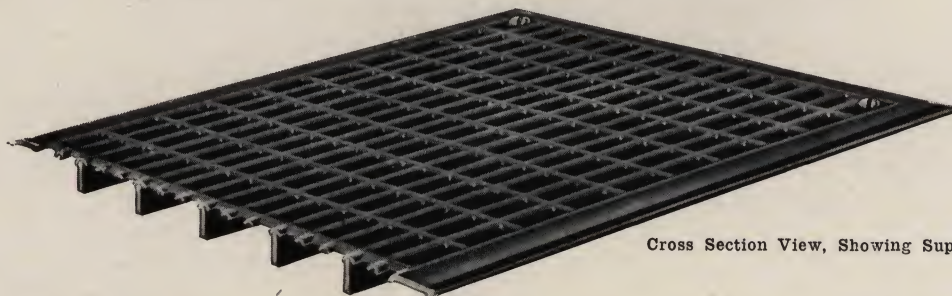
UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

New U. S. Pressed Steel Cold-Air Faces



Top View, Showing Design

U. S. STEEL COLD-AIR FACES are constructed of heavy perforated steel, perfectly formed and deeply embossed. The gauge of steel used is increased with the size of the face for which it is used, and the faces are strongly reinforced with heavy supporting bars which give the face the greatest possible strength for any duty for which it might be used. The supporting bars are not imperative when faces are to be set in wall instead of floor.



Cross Section View, Showing Supporting Frame

U. S. STEEL FACES fit tightly and snugly to the finished floor and do not have to be let into the floor, as is the case with cast faces.

Extreme outside dimensions of register faces are shown on page 51.

U. S. STEEL FACES are specified by the Best Architects and have won praise and approval on some of the biggest and best installations.

List Prices are shown on pages 43, 44, 45, 46 and 47.



U. S. Steel Floor Registers, Faces and Borders

LIST PRICES

Size of Opening in inches	Black Japan			Electroplated Oxidized Copper			Plated Brass, Bronze or Nickel			White Japan and Lacquered Bronze	
	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only
4 x 6	\$ 1.40	\$.55	\$ 1.15	\$ 2.00	\$ 1.15	\$ 1.75	\$ 2.20	\$ 1.35	\$ 2.10	\$ 1.70	\$.85
4 x 8	1.50	.60	1.15	2.20	1.30	1.85	2.40	1.50	2.15	1.80	.90
4 x 10	1.55	.75	1.15	2.40	1.60	2.00	2.60	1.80	2.40	1.90	1.10
4 x 12	1.80	.95	1.35	2.80	2.15	2.55	3.10	2.45	3.00	2.20	1.35
4 x 15	3.00	1.20	1.90	4.00	2.70	3.40	4.30	3.00	4.00	3.60	1.80
4 x 18	4.00	1.30	2.75	5.00	3.20	4.65	5.40	3.60	5.00	4.65	1.95
4 x 22	5.00	2.25	3.15	6.50	4.25	5.15	7.00	4.75	6.00	6.00	3.25
4 x 24	6.00	2.75	3.75	7.50	4.75	5.75	8.10	5.35	7.00	7.00	3.75
6 x 6	1.50	.90	1.15	2.70	2.10	2.35	3.00	2.40	2.95	1.80	1.20
6 x 8	1.55	1.00	1.15	2.80	2.25	2.40	3.10	2.50	3.00	1.85	1.30
6 x 10	1.60	1.05	1.20	3.00	2.45	2.60	3.50	2.95	3.60	1.95	1.40
6 x 12	1.85	1.25	1.45	3.50	2.90	3.10	4.20	3.60	4.10	2.25	1.60
6 x 14	2.85	1.65	1.90	4.95	3.75	4.00	5.75	4.50	5.30	3.45	2.10
6 x 16	4.00	2.00	2.70	6.00	4.00	4.70	6.90	4.90	6.10	4.80	2.80
6 x 18	5.20	2.25	3.25	7.00	4.50	5.50	8.00	5.50	7.00	6.25	3.30
6 x 20	6.00	2.50	3.50	8.20	4.75	5.80	9.30	5.85	7.40	7.20	3.70
6 x 22	7.00	3.00	3.95	10.00	6.00	6.95	11.25	7.25	8.65	8.40	4.40
6 x 24	8.00	3.70	4.50	12.00	7.00	7.50	13.30	8.30	9.30	9.60	5.30
6 x 28	9.50	4.25	5.40	14.50	8.00	9.00	16.00	9.50	11.00	11.00	5.75
6 x 30	11.50	4.75	6.00	16.50	8.90	10.00	18.25	10.65	12.10	13.00	6.25
6 x 32	13.00	5.25	6.50	18.00	9.50	10.50	21.00	12.50	12.60	14.25	6.50
6 x 36	19.00	7.50	7.50	26.25	14.75	14.85	29.50	17.50	17.60		
8 x 8	1.60	1.05	1.20	3.00	2.45	2.60	3.70	3.15	3.65	1.95	1.40
8 x 10	1.65	1.10	1.25	3.15	2.60	2.75	3.85	3.30	3.90	2.00	1.45
8 x 12	1.90	1.30	1.50	3.65	3.05	3.25	4.40	3.75	4.40	2.30	1.70
8 x 14	3.00	2.00	2.00	5.10	3.95	3.95	6.20	5.10	5.60	3.60	2.60
8 x 16	4.50	2.70	2.70	6.75	5.00	5.00	8.00	6.25	7.00	5.40	3.60
8 x 18	6.60	3.50	3.50	9.40	6.00	6.00	10.70	7.30	8.00	7.90	4.80
8 x 20	8.70	3.90	3.90	11.70	6.90	6.90	13.00	8.25	9.00	10.40	5.60
8 x 22	10.75	4.65	4.80	14.50	8.00	8.00	15.00	9.50	10.00	12.20	5.90
8 x 24	11.25	4.70	4.70	15.25	8.70	8.70	17.00	10.50	11.10	12.40	6.00
8 x 28	13.60	5.40	5.40	17.75	9.55	9.55	19.75	11.50	12.20	16.30	7.90
8 x 30	14.70	6.30	6.30	19.50	10.50	10.50	21.60	12.60	13.50		
8 x 36	22.50	9.25	9.25	29.50	15.00	15.00	32.50	20.00	19.00		
9 x 12	2.10	1.45	1.65	4.00	3.35	3.35	5.10	4.45	5.00	2.55	1.90
9 x 14	3.10	2.15	2.15	5.20	4.25	4.25	6.50	5.50	5.95	3.70	2.75
9 x 16	4.70	2.70	2.70	7.15	5.15	5.30	8.55	6.55	7.10	5.65	3.65
9 x 18	6.65	3.60	3.60	9.35	6.30	6.30	11.00	7.95	8.40	8.00	4.95
9 x 20	8.75	4.30	4.30	11.85	7.40	7.40	13.65	9.20	9.70	10.25	5.65
9 x 22	10.35	4.50	4.50	13.95	8.10	8.10	16.00	10.15	10.50	11.50	6.15
9 x 24	12.00	5.30	5.30	16.00	9.30	9.30	18.10	11.40	11.90	13.20	6.50
9 x 28	16.35	6.80	6.50	21.75	11.90	11.90	24.25	14.40	14.80	18.00	8.45
9 x 30	17.50	7.10	7.10	22.50	12.10	12.10	25.25	14.80	15.10	19.25	8.85
10 x 10	2.35	1.65	1.70	4.35	3.65	3.70	5.35	4.65	5.20	2.85	2.15
10 x 12	2.40	1.70	1.75	4.40	3.70	3.75	5.50	4.80	5.35	2.90	2.20
10 x 14	3.15	2.20	2.20	5.25	4.30	4.30	6.55	5.60	6.00	3.80	2.85
10 x 16	4.85	2.95	2.95	7.20	5.30	5.30	8.60	6.70	7.20	5.85	3.95
10 x 18	6.70	3.70	3.70	9.45	6.45	6.45	11.00	8.00	8.55	8.05	5.05
10 x 20	8.90	4.35	4.35	12.00	7.50	7.50	13.80	9.30	9.80	10.50	5.75
10 x 22	10.40	4.90	4.90	14.50	9.00	9.00	16.50	11.00	11.00	12.00	6.25
10 x 24	12.15	5.35	5.35	16.25	9.45	9.45	18.50	12.00	12.15	13.40	6.60
10 x 28	18.50	7.75	8.00	24.50	13.75	14.00	26.25	16.50	16.50	21.60	9.50



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. Steel Floor Registers, Faces and Borders

LIST PRICES

Size of Opening in inches	Black Japan			Electroplated Oxidized Copper			Plated Brass, Bronze or Nickel			White Japan and Lacquered Bronze	
	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only
10 x 30	\$ 19.50	\$ 8.00	\$ 8.00	\$ 25.50	\$ 14.00	\$ 14.00	\$ 28.00	\$ 16.75	\$ 17.00	\$ 21.45	\$ 9.95
10 x 36	25.75	10.00	10.00	32.75	17.25	17.25	35.25	22.75	21.00	28.40	12.40
10 x 40	35.00	15.50	15.50	45.00	25.00	25.00	48.00	31.50	27.00	38.50	19.00
12 x 12	4.00	2.70	2.70	6.35	5.05	5.05	7.90	6.60	7.10	4.80	3.50
12 x 14	4.35	2.80	2.80	6.85	5.35	5.35	8.25	6.75	7.35	5.25	3.65
12 x 15	4.50	2.90	2.90	7.00	5.40	5.40	8.50	6.90	7.60	5.40	3.80
12 x 16	5.60	3.50	3.50	8.25	6.15	6.15	9.75	7.65	8.25	6.70	4.60
12 x 17	6.35	3.80	3.80	9.00	6.45	6.45	10.60	8.05	8.65	7.60	5.05
12 x 18	6.80	3.90	3.90	9.55	6.65	6.65	11.25	8.35	9.00	8.15	5.25
12 x 20	9.00	4.50	4.50	12.20	7.60	7.60	14.10	9.50	9.90	10.80	6.30
12 x 22	10.50	5.00	5.00	14.50	9.00	9.00	17.05	11.00	11.25	12.00	6.50
12 x 24	12.25	5.50	5.50	16.30	9.55	9.55	18.60	12.10	12.25	13.50	6.75
12 x 30	20.00	8.20	8.20	26.00	14.20	14.20	29.00	18.00	17.00	22.00	10.20
12 x 40	35.00	15.50	15.50	45.00	25.00	25.00	50.00	33.00	27.00	38.50	19.00
12 x 48	46.00	20.00	20.00	60.00	33.25	31.65	69.50	46.50	35.75	50.60	24.60
14 x 14	7.90	4.05	4.05	11.00	7.15	7.15	14.30	9.60	10.00	9.45	5.60
14 x 16	8.50	4.30	4.30	11.50	7.30	7.30	16.50	11.00	11.00	10.20	6.00
14 x 18	9.00	4.50	4.50	12.00	7.50	7.50	18.50	12.00	12.15	10.80	6.30
14 x 20	9.50	4.80	4.80	13.00	8.50	8.50	20.50	13.00	12.75	11.25	6.40
14 x 22	10.50	5.00	5.00	14.50	9.00	9.00	22.50	14.50	13.50	12.00	6.50
14 x 24	14.90	6.90	6.90	19.50	11.50	11.50	26.00	16.50	15.00	16.40	8.40
14 x 30	27.50	10.75	10.75	33.00	18.00	18.00	37.50	25.00	21.60	30.25	13.20
14 x 34	31.75	13.75	13.75	41.25	23.25	23.25	46.00	30.50	25.00	37.00	16.40
14 x 36	36.00	16.00	16.00	45.00	25.00	25.00	50.00	33.00	27.00	39.60	19.60
14 x 40	41.00	18.00	18.00	54.00	31.00	30.00	60.00	41.50	33.00	45.60	22.60
14 x 48	46.00	22.50	22.50	69.00	39.25	36.65	79.50	55.00	41.75	50.60	24.60
16 x 16	11.00	5.10	5.10	15.00	9.10	9.10	19.75	12.80	12.50	12.20	6.20
16 x 18	12.00	5.30	5.30	16.20	9.50	9.50	22.25	14.25	13.25	13.20	6.50
16 x 20	12.35	6.10	6.10	16.55	10.30	10.30	24.60	16.00	14.00	13.60	7.35
16 x 22	14.75	6.70	6.70	19.50	11.50	11.50	28.00	18.00	16.00	16.20	8.15
16 x 24	15.00	7.00	7.00	20.00	12.00	12.00	29.60	19.25	17.10	16.50	8.50
16 x 28	24.60	10.00	10.00	30.80	16.20	16.20	35.00	22.75	18.80	25.00	12.00
16 x 30	27.90	11.00	11.00	35.00	18.25	18.25	37.50	25.00	21.60	27.05	12.45
16 x 32	31.00	13.10	13.10	38.25	20.35	20.35	42.00	27.50	22.00	30.70	13.80
16 x 36	36.00	16.00	16.00	45.00	25.00	25.00	50.00	33.00	27.00	34.10	16.20
16 x 42	45.00	21.00	22.00	57.00	34.00	34.00	61.00	42.50	38.00	39.60	19.60
18 x 18	18.50	7.20	7.20	23.75	12.45	12.45	26.00	16.50	15.00	20.35	9.05
18 x 20	19.50	7.60	7.60	24.75	12.85	12.85	29.00	18.00	17.00	21.45	9.55
18 x 22	21.00	8.00	8.00	26.70	14.00	14.00	32.50	21.00	18.40	23.00	10.00
18 x 24	21.50	8.35	8.35	27.75	14.60	14.60	34.25	22.50	18.75	23.65	10.50
18 x 28	28.90	11.50	11.50	36.50	20.00	20.00	41.50	27.75	22.10	33.00	16.00
18 x 30	31.25	11.60	13.25	38.00	21.00	21.00	43.00	28.50	22.70	34.35	16.35
18 x 36	38.00	17.25	17.25	48.50	28.10	26.00	54.00	36.00	28.00	41.80	21.05
18 x 38	43.00	18.50	18.50	54.00	29.50	28.50	59.00	39.00	31.50		
20 x 20	19.75	8.00	8.00	24.75	13.00	13.00	32.40	21.20	18.10	21.75	10.00
20 x 22	21.60	8.40	8.40	27.60	14.40	14.40	35.70	23.50	19.00	23.75	10.55
20 x 24	22.00	8.60	8.60	28.20	14.80	14.80	39.00	25.50	21.70	24.20	10.80
20 x 26	23.50	9.50	9.50	32.00	17.50	17.50	42.00	27.50	22.00	25.85	11.85
20 x 28	28.90	11.50	11.50	37.40	20.00	20.00	45.50	30.00	24.50	31.80	14.40
20 x 30	33.50	13.25	13.50	43.00	23.50	23.50	49.00	32.50	26.00	36.85	16.85
20 x 32	37.50	17.10	17.10	48.50	28.10	26.00	52.00	34.00	27.50	41.25	20.85
20 x 36	43.00	18.50	18.50	54.00	29.50	28.50	59.00	39.00	31.50	46.00	21.50
20 x 48	62.50	26.00	26.00	78.50	42.00	42.00	81.00	52.50	52.50	47.30	22.80



U. S. Steel Floor Registers, Faces and Borders

LIST PRICES

Size of Opening in inches	Black Japan			Electroplated Oxidized Copper			Plated Brass, Bronze or Nickel			White Japan and Lacquered Bronze	
	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only
22 x 22	\$ 28.50	\$ 11.40	\$ 11.40	\$ 36.50	\$ 19.40	\$ 19.40	\$ 41.00	\$ 27.00	\$ 21.75	\$ 31.25	\$ 14.25
22 x 24	29.50	11.80	11.80	37.90	20.20	20.20	44.00	29.00	23.00	32.45	14.75
22 x 26	31.00	13.10	13.10	41.00	23.00	23.00	48.00	32.00	25.50	34.10	16.20
22 x 28	33.90	13.90	13.90	44.00	24.00	24.00	52.00	34.00	27.50	37.30	17.30
22 x 30	36.00	16.00	16.00	46.50	26.50	25.50	56.00	36.50	28.75	39.60	19.60
22 x 32	42.00	17.50	17.50	54.00	29.50	28.50	59.00	39.00	31.50	46.20	21.70
22 x 36	47.50	20.50	20.50	60.50	35.00	31.75	66.00	44.50	34.00	52.25	25.25
22 x 38	52.00	22.50	22.50	65.50	37.50	34.25	70.00	47.00	36.00	57.20	27.70
22 x 40	61.00	25.00	25.00	70.00	42.00	34.60	76.00	50.00	38.00	68.00	31.00
22 x 42	64.00	27.00	27.00	75.00	43.00	35.00	82.50	53.50	39.50	70.40	33.40
24 x 24	30.00	12.00	12.00	40.00	22.00	22.00	49.00	32.50	26.00	33.00	15.00
24 x 26	32.00	14.00	14.00	44.00	24.00	24.00	54.00	35.50	28.00	36.50	17.00
24 x 28	33.95	14.00	14.00	45.00	25.00	25.00	56.00	37.00	29.00	38.35	18.40
24 x 30	38.00	17.25	17.25	50.00	29.25	28.25	62.00	41.50	32.00	41.80	21.05
24 x 32	42.50	18.00	18.00	55.50	31.00	30.00	66.00	44.50	34.00	46.75	22.25
24 x 36	50.00	22.00	22.00	65.50	37.50	34.25	74.00	50.30	36.50	55.00	27.00
24 x 40	61.00	25.00	25.00	79.00	43.00	36.50	86.00	58.50	41.50	68.00	31.00
24 x 42	64.00	27.00	27.00	86.00	45.50	38.00	90.00	61.00	44.00	73.00	33.40
24 x 48	80.00	33.00	30.00	104.00	57.00	57.00	118.00	80.00	70.00	95.00	48.00
26 x 26	37.00	16.50	16.50	48.00	27.50	26.00	64.00	42.00	32.00	40.00	20.00
26 x 28	37.25	17.00	17.00	49.25	29.00	28.00	66.00	44.50	34.00	40.95	20.70
26 x 30	43.00	19.50	19.50	56.00	32.00	30.00	70.00	47.00	36.00	43.00	21.00
26 x 32	46.00	20.80	20.80	59.00	35.00	33.00	74.50	50.00	39.50	46.00	22.50
26 x 34	49.00	22.10	22.10	63.00	36.50	34.50	79.00	54.00	42.00	49.50	24.00
26 x 36	56.00	25.00	25.00	76.00	45.00	36.00	92.00	63.00	45.00	61.60	30.60
28 x 28	44.00	19.00	19.00	57.50	32.50	31.00	72.00	49.00	36.40	48.40	23.40
28 x 30	48.50	21.00	21.00	61.50	35.50	32.00	76.00	52.50	37.00	53.35	25.85
28 x 32	53.00	24.50	24.50	68.00	39.50	35.00	84.00	55.00	40.50	58.30	29.80
28 x 34	58.00	25.80	25.80	77.00	44.00	36.00	88.00	59.00	43.00	64.20	31.70
28 x 36	64.00	27.00	27.00	86.00	49.00	37.00	92.00	63.00	45.00	70.40	33.40
28 x 40	68.00	30.00	28.50	96.00	54.00	42.00	100.00	71.00	51.00	74.50	37.50
30 x 30	49.00	21.50	21.50	65.00	37.00	34.00	85.00	56.00	41.00	53.90	26.40
30 x 32	54.50	25.00	25.00	73.00	42.00	36.00	90.00	60.00	43.00	59.00	27.50
30 x 34	62.00	26.00	26.00	85.00	49.00	39.00	97.00	67.00	46.00	69.50	33.75
30 x 36	67.50	28.50	28.50	90.00	51.00	41.00	102.00	70.00	48.00	74.25	35.25
30 x 40	72.50	31.00	29.00	100.00	55.50	48.00	110.00	79.00	54.00	80.00	39.00
30 x 42	77.50	33.00	29.00	102.00	57.50	50.50	119.00	87.00	60.00	85.25	40.75
30 x 48	95.00	39.00	31.00	124.00	68.00	60.00	136.00	94.00	72.00	104.50	48.50
36 x 36	80.00	35.00	29.50	105.00	60.00	54.50	127.00	83.00	66.00	88.00	43.00
36 x 40	105.00	44.00	32.10	135.00	74.00	62.10	142.00	95.00	76.00	115.50	54.50
36 x 42	112.00	46.00	34.00	143.00	77.00	65.00	150.00	96.50	80.50	123.20	57.20
36 x 48	132.00	54.00	40.00	168.00	90.00	76.00	173.00	103.00	87.00	145.20	67.20
38 x 38	100.00	43.50	32.00	130.00	71.00	59.50	145.00	95.50	77.00	110.00	53.50
38 x 40	112.00	46.00	34.00	142.00	76.00	64.00	153.00	97.00	81.50	123.20	57.20
38 x 42	120.00	50.00	36.00	155.00	85.00	71.00	160.00	100.00	83.50	132.00	62.00

U. S. STEEL Floor Registers are easily converted into Ventilating Registers by addition of Sidewall or Ceiling Pulleys and Ventilator Attachments. See page 50.

All sizes of U. S. Steel Faces larger than 12 x 15 are equipped with Supporting Bars and are made extra strong for floor use and have greater strength and supporting power than any other styles of Cold-Air Faces.

We guarantee Steel Registers, Faces and Borders against breakage. This guarantee does not apply on Cast Goods, which are shipped at buyer's risk only.

For Extreme sizes of Steel Faces, see page 51.

For Case Lot quantities for shipment, see page 53.

Particular Attention is called to the fact that Steel Faces above Listed in sizes 12 inches wide and narrower, take the Register Discount.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

Unusual Sizes, U. S. Steel Floor Registers, Faces and Borders

LIST PRICES

Size of Opening in inches	Black Japan			Electroplated Oxidized Copper			Plated Brass, Bronze or Nickel		
	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only
4 x 26	\$ 9.00	\$ 3.35	\$ 3.35	\$ 12.00	\$ 5.75	\$ 5.75	\$ 14.50	\$ 7.75	\$ 7.75
4 x 30	12.00	4.25	4.25	15.00	7.00	7.00	18.00	9.50	9.50
4 x 34	15.00	5.00	5.00	18.00	7.50	7.50	21.50	10.25	10.25
4 x 36	18.00	7.00	7.00	21.00	10.00	10.00	25.00	13.50	13.50
6 x 34	19.00	7.50	7.50	22.00	10.50	10.50	26.50	14.00	14.00
6 x 40	22.00	8.00	8.00	25.00	12.00	12.00	30.00	16.00	16.00
8 x 34	22.00	9.00	9.00	29.00	13.50	13.50	35.00	18.00	18.00
8 x 40	28.00	12.00	12.00	35.00	15.00	15.00	42.00	20.00	20.00
9 x 9	3.00	2.00	2.00	5.00	4.25	4.25	6.00	5.50	5.50
9 x 34	24.00	10.00	10.00	27.00	13.50	13.50	33.00	18.00	18.00
9 x 36	25.50	11.00	11.00	29.00	15.00	15.00	35.00	20.00	20.00
10 x 34	25.00	10.00	10.00	32.00	17.00	17.00	38.50	22.50	22.50
12 x 34	26.00	10.50	10.50	40.00	20.50	20.50	46.00	27.00	27.00
12 x 36	26.75	12.00	12.00	42.00	22.00	22.00	48.00	29.00	29.00
12 x 38	33.00	14.00	14.00	45.00	25.00	25.00	50.00	33.00	33.00
14 x 28	27.00	10.50	10.50	33.00	18.00	18.00	37.00	24.00	24.00
14 x 32	29.00	12.00	12.00	39.00	21.00	21.00	46.00	28.00	28.00
16 x 26	24.00	10.00	10.00	30.00	16.00	16.00	35.00	21.00	21.00
16 x 38	38.00	18.00	18.00	56.00	33.00	33.00	60.00	42.00	42.00
16 x 40	44.00	20.00	20.00	57.00	34.00	34.00	67.00	44.00	44.00
16 x 44	48.00	22.00	22.00	60.00	37.00	37.00	72.00	48.00	48.00
16 x 48	54.00	24.00	24.00	70.00	45.00	45.00	84.00	56.00	56.00
18 x 32	35.00	15.00	15.00	45.00	26.00	26.00	54.00	34.00	34.00
18 x 34	37.00	16.50	16.50	53.00	28.00	28.00	64.00	36.00	36.00
18 x 40	45.00	20.00	20.00	58.00	34.00	34.00	69.00	42.00	42.00
18 x 44	50.00	23.00	23.00	66.00	44.00	44.00	78.00	53.00	53.00
18 x 48	55.00	25.00	25.00	68.00	46.00	46.00	81.00	58.00	58.00
20 x 34	42.00	18.00	18.00	52.00	33.00	33.00	62.00	41.00	41.00
20 x 40	52.00	22.00	22.00	58.00	37.00	37.00	69.00	48.00	48.00
20 x 42	55.00	25.00	25.00	61.00	42.00	42.00	73.00	51.00	51.00
20 x 44	60.00	26.00	26.00	66.00	45.00	45.00	79.00	57.00	57.00
20 x 60	75.00	32.00	32.00	85.00	52.00	52.00	100.00	65.00	65.00
20 x 72	90.00	37.50	37.50	100.00	58.00	58.00	118.00	68.00	68.00
21 x 29	29.00	11.60	11.60	36.00	14.00	14.00	43.00	16.80	16.80
22 x 44	66.00	29.00	29.00	82.00	34.00	34.00	98.00	40.00	40.00
22 x 48	70.00	32.00	32.00	87.00	38.40	38.40	104.00	45.00	45.00
22 x 60	85.00	37.00	37.00	110.00	45.00	45.00	132.00	54.00	54.00
24 x 38	60.00	24.00	24.00	75.00	29.00	29.00	90.00	35.00	35.00
24 x 44	66.00	30.00	30.00	82.00	36.00	36.00	98.00	43.00	43.00
24 x 60	90.00	43.00	43.00	112.00	52.00	52.00	134.00	63.00	63.00
26 x 38	67.00	30.00	30.00	83.00	36.00	36.00	100.00	43.00	43.00
26 x 40	69.00	32.00	32.00	86.00	38.00	38.00	103.00	45.00	45.00
26 x 44	72.00	33.00	33.00	90.00	40.00	40.00	108.00	48.00	48.00
26 x 48	90.00	40.00	40.00	112.00	48.00	48.00	135.00	57.00	57.00
26 x 60	120.00	58.00	58.00	150.00	70.00	70.00	180.00	84.00	84.00
28 x 38	69.00	34.00	34.00	86.00	42.00	42.00	103.00	50.00	50.00
28 x 48	92.00	44.00	44.00	115.00	53.00	53.00	138.00	63.00	63.00
28 x 60	122.00	72.00	72.00	155.00	88.00	88.00	186.00	105.00	105.00
30 x 60	128.00	75.00	75.00	160.00	90.00	90.00	192.00	108.00	108.00
32 x 38	73.00	49.00	49.00	91.00	58.00	58.00	109.00	70.00	70.00
32 x 40	76.00	51.00	51.00	95.00	61.00	61.00	114.00	73.00	73.00
32 x 48	102.00	68.00	68.00	127.00	80.00	80.00	152.00	96.00	96.00
32 x 50	112.00	78.00	78.00	140.00	93.00	93.00	168.00	110.00	110.00



Unusual Sizes, U. S. Steel Floor Registers, Faces and Borders, Contd.

LIST PRICES

Size of Opening in inches	Black Japan			Electroplated Oxidized Copper			Plated Brass Bronze or Nickel		
	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only	Complete Register	Face Only	Border Only
34 x 34	\$ 80.00	\$ 35.00	\$ 35.00	\$ 100.00	\$ 42.00	\$ 42.00	\$ 120.00	\$ 50.00	\$ 50.00
34 x 40	105.00	44.00	44.00	130.00	53.00	53.00	156.00	63.00	63.00
34 x 44	118.00	49.00	49.00	147.00	58.00	58.00	176.00	69.00	69.00
34 x 48	132.00	54.00	54.00	165.00	64.00	64.00	198.00	76.00	76.00
36 x 60	160.00	70.00	70.00	200.00	84.00	84.00	240.00	100.00	100.00
38 x 60	175.00	75.00	75.00	210.00	90.00	90.00	252.00	108.00	108.00
40 x 40	125.00	49.00	49.00	155.00	59.00	59.00	188.00	71.00	71.00
40 x 44	135.00	53.50	53.50	168.00	64.00	64.00	200.00	77.00	77.00
40 x 48	150.00	58.50	58.50	177.00	70.00	70.00	212.00	84.00	84.00
44 x 44	140.00	59.00	59.00	166.00	70.00	70.00	198.00	84.00	84.00
44 x 48	160.00	64.00	64.00	200.00	77.00	77.00	240.00	92.00	92.00
44 x 60	200.00	70.00	70.00	250.00	84.00	84.00	298.00	100.00	100.00
48 x 48	190.00	68.00	68.00	235.00	82.00	82.00	282.00	98.00	98.00
48 x 60	220.00	80.00	80.00	270.00	96.00	96.00	324.00	115.00	115.00

U. S. Steel Floor Register Bodies or Floor Registers without Tops

The Following Lists apply to Register Bodies which include a Floor Register without the Face or Top.
We Furnish Floor Register Bodies to fit only Faces of our own Production.
The Same Discount applies to the Register Body List as on Floor Registers.

LIST PRICES

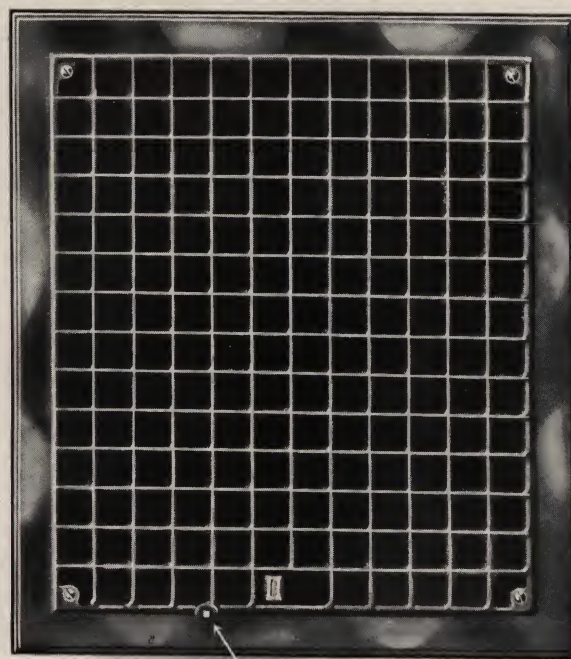
Size of Opening in inches	Register Body Without Top	Size of Opening in inches	Register Body Without Top	Size of Opening in inches	Register Body Without Top	Size of Opening in inches	Register Body Without Top
4 x 6	\$.70	9 x 12	\$ 1.05	14 x 14	\$ 4.86	22 x 22	\$ 19.97
4 x 8	.75	9 x 14	1.55	14 x 16	5.23	22 x 24	20.63
4 x 10	.78	9 x 16	2.35	14 x 18	5.60	22 x 26	21.13
4 x 12	.90	9 x 18	3.33	14 x 20	5.90	22 x 28	23.40
4 x 15	1.50	9 x 20	4.38	14 x 22	6.73	22 x 30	24.00
4 x 18	2.00	9 x 22	5.17	14 x 24	9.70	22 x 32	28.83
4 x 22	2.50	9 x 24	6.00	14 x 48	21.00	22 x 36	32.10
4 x 24	3.00	9 x 28	8.17			22 x 38	35.10
		9 x 30	8.75	16 x 16	7.13	22 x 42	43.73
6 x 6	.75			16 x 18	8.00		
6 x 8	.78	10 x 10	1.17	16 x 20	8.77	24 x 24	21.00
6 x 10	.80	10 x 12	1.20	16 x 22	9.70	24 x 26	23.46
6 x 12	.93	10 x 14	1.58	16 x 24	9.73	24 x 30	25.07
6 x 14	1.43	10 x 16	2.43	16 x 28	17.10	24 x 32	29.00
6 x 16	2.00	10 x 18	3.35	16 x 30	19.63	24 x 36	33.50
6 x 18	2.60	10 x 20	4.45	16 x 32	21.13		
6 x 20	3.00	10 x 22	5.20	16 x 36	24.00	26 x 26	24.50
6 x 22	3.50	10 x 24	6.08			26 x 28	24.93
6 x 24	4.00	10 x 30	9.75	18 x 18	13.10	26 x 30	28.67
6 x 28	4.75			18 x 20	13.80	26 x 32	30.67
6 x 30	5.75	12 x 12	2.00	18 x 22	15.00	26 x 34	32.67
6 x 32	6.50	12 x 14	2.17	18 x 24	15.20		
		12 x 15	2.25	18 x 28	20.00	28 x 28	29.83
8 x 8	.80	12 x 16	2.80	18 x 30	21.33	28 x 30	32.73
8 x 10	.83	12 x 17	3.17	18 x 36	25.07	28 x 32	34.60
8 x 12	.95	12 x 18	3.40			28 x 36	44.73
8 x 14	1.50	12 x 20	4.50	20 x 20	13.77		
8 x 16	2.25	12 x 22	5.63	20 x 22	15.30	30 x 30	32.83
8 x 18	3.30	12 x 24	6.13	20 x 24	15.53	30 x 42	52.73
8 x 20	4.35	12 x 30	10.00	20 x 26	16.33	30 x 48	65.73
8 x 22	5.18	12 x 32	12.25	20 x 28	20.25		
8 x 24	5.63	12 x 36	13.37	20 x 30	23.33	36 x 36	53.73
8 x 30	7.35	12 x 40	17.50	20 x 32	24.63	36 x 40	72.00
				20 x 36	29.10	36 x 42	77.50

When ordering Floor Register Bodies, specify by daylight or inside measurement of faces for which they are ordered to fit.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. PRESSED STEEL LOCK REGISTERS



(U.S. LOCK REGISTER)

Key Operates Here

U. S. STEEL LOCK REGISTERS are specially adapted for use in asylums, public schools and other public buildings where it is required that the shutters or valves of the registers be adjusted to any particular position, and, by means of a key, caused to remain at that fixed position.

U. S. STEEL LOCK REGISTERS can be operated the same as floor registers when not locked, but when locked can be released only by the key with which they were locked. A great improvement over other lock registers.

List Prices of U. S. STEEL LOCK REGISTERS are given on page 49.



U. S. STEEL LOCK REGISTERS

LIST PRICES

Size of Opening in inches	Black Japan	White Japan and Lacquered Bronze	Plated Oxidized Copper	Plated Brass Bronze or Copper
6 x 6	\$ 3.50	\$ 3.80	\$ 4.70	\$ 5.00
6 x 8	3.55	3.85	4.80	5.10
6 x 10	3.60	3.95	5.00	5.50
6 x 12	3.85	4.25	5.50	6.20
6 x 20	8.00	9.20	6.95	11.30
6 x 24	10.00	11.60	8.00	15.30
8 x 8	3.60	3.95	5.00	5.70
8 x 10	3.65	4.00	5.15	5.85
8 x 12	3.90	4.30	5.65	6.40
8 x 16	6.50	7.40	8.75	9.00
8 x 18	8.60	9.90	11.40	12.70
8 x 24	13.25	14.40	17.25	19.00
9 x 12	4.10	4.55	6.00	7.10
9 x 14	5.10	5.70	7.20	8.50
9 x 16	6.70	7.65	9.15	10.55
9 x 18	8.65	10.00	11.35	13.00
9 x 20	10.75	12.25	13.85	15.65
10 x 10	4.35	4.85	6.35	7.35
10 x 12	4.40	4.90	6.40	7.50
10 x 14	5.15	5.80	7.25	8.55
10 x 16	6.85	7.85	9.20	10.60
10 x 18	8.70	10.05	11.45	13.00
10 x 20	10.90	12.50	14.00	15.80
12 x 12	6.00	6.80	8.35	9.90
12 x 14	6.35	7.25	8.85	10.25
12 x 15	6.50	7.40	9.00	10.50
12 x 16	7.60	8.70	10.25	11.75
12 x 17	8.35	9.60	11.00	12.60
12 x 18	8.80	10.15	11.55	13.25
12 x 20	11.00	12.80	14.20	16.10
12 x 24	14.25	15.50	18.30	20.60
14 x 14	9.90	11.45	13.00	16.30
14 x 16	10.50	12.20	13.50	18.50
14 x 18	11.00	12.80	14.00	20.50
14 x 20	11.50	13.25	15.00	22.50
14 x 22	12.50	14.00	16.50	24.50
16 x 16	13.00	14.20	17.00	21.75
16 x 20	14.35	15.60	18.55	26.60
16 x 24	17.00	18.50	22.00	31.60
18 x 18	20.50	22.35	25.75	28.00
18 x 20	21.50	23.45	26.75	31.00
18 x 24	23.50	25.65	29.75	36.25
20 x 20	21.75	23.75	26.75	34.40
20 x 24	24.00	26.20	30.20	41.00
24 x 24	32.00	35.00	42.00	51.00

The list prices of U. S. STEEL LOCK REGISTERS cover the standard sizes in general use.

Lock Registers can be furnished in other and all sizes listed under Regular Floor Registers by adding \$2.00 per register to the floor register list.

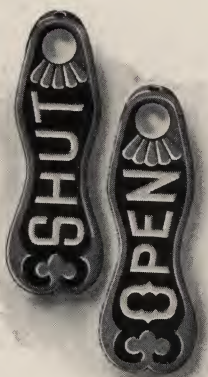
U. S. STEEL LOCK REGISTERS are packed with the same quantity to case as regular steel floor registers.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

VENTILATING REGISTERS

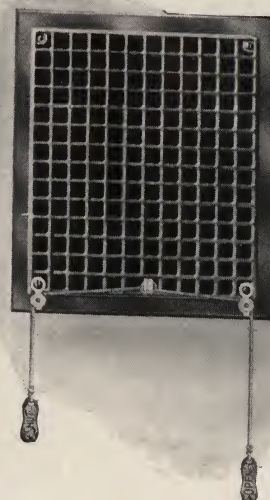
U. S. VENTILATING REGISTERS are composed of regular U. S. Steel Floor Registers equipped with sidewall pulleys when a register is to be installed in the wall, and with ceiling pulleys when a register is to be used in the ceiling. Sizes under 16 inches in width have a uniform depth of $2\frac{5}{8}$ inches when open, thereby making them very adaptable for shallow ducts or pipe. Sizes over 16 inches in width have a uniform depth of 5 inches.



Sidewall Pulleys



Ceiling Pulleys



When ordering, be sure to mention whether the ventilating register is to be used in the ceiling or the wall, and also specify the quantity of either chain or cord wanted and state which.

List Prices of Register Pulleys

Ceiling Pulleys, small size, per pair.....	\$.50
Ceiling Pulleys, large size, per pair.....	1.00
Sidewall Pulleys, small size, per pair .....	.50
Sidewall Pulleys, large size, per pair	1.00

Net Prices of Indicator Handles

(Open and Shut)

Black Japan, per pair.....	10c net
Bronze Painted, per pair	15c net
Plated Copper, Brass, Bronze or Nickel, per pair	15c net
Solid Brass or Bronze, per pair	30c net

To determine cost of Ventilating Registers, refer to Floor Register List Prices on Pages 43, 44, 45, 46 and 47, and to the Floor Register add the above List Prices on Pulleys. Indicator Handle Prices are net.

For Prices on Operating Cord and Chain, see Discount Sheet.



Dimensions of the Leading Sizes U. S. Pressed Steel Floor Registers

DIMENSIONS OF THE LEADING SIZES OF U. S. PRESSED STEEL FLOOR REGISTERS

Size of Body in inches	Extreme Size of Register Face in inches	Size of Body in inches	Extreme Size of Register Face in inches	Size of Body in inches	Extreme Size of Register Face in inches	Size of Body in inches	Extreme Size of Register Face in inches
4 x 6	5 $\frac{1}{4}$ x 7 $\frac{1}{4}$	9 x 18	10 $\frac{7}{8}$ x 19 $\frac{7}{8}$	16 x 16	18 $\frac{5}{16}$ x 18 $\frac{5}{16}$	24 x 24	26 $\frac{3}{8}$ x 26 $\frac{3}{8}$
4 x 8	5 $\frac{1}{4}$ x 9 $\frac{1}{4}$	9 x 20	10 $\frac{7}{8}$ x 21 $\frac{7}{8}$	16 x 18	18 $\frac{5}{16}$ x 20 $\frac{5}{16}$	24 x 26	26 $\frac{3}{8}$ x 28 $\frac{3}{8}$
4 x 10	5 $\frac{1}{4}$ x 11 $\frac{1}{4}$	9 x 22	10 $\frac{7}{8}$ x 23 $\frac{7}{8}$	16 x 20	18 $\frac{5}{16}$ x 22 $\frac{5}{16}$	24 x 30	26 $\frac{3}{8}$ x 32 $\frac{3}{8}$
4 x 12	5 $\frac{1}{4}$ x 13 $\frac{1}{4}$	9 x 24	10 $\frac{7}{8}$ x 25 $\frac{7}{8}$	16 x 22	18 $\frac{5}{16}$ x 24 $\frac{5}{16}$	24 x 32	26 $\frac{3}{8}$ x 34 $\frac{3}{8}$
4 x 15	5 $\frac{1}{4}$ x 16 $\frac{1}{4}$	9 x 28	10 $\frac{7}{8}$ x 29 $\frac{1}{8}$	16 x 24	18 $\frac{5}{16}$ x 26 $\frac{5}{16}$	24 x 34	26 $\frac{3}{8}$ x 36 $\frac{3}{8}$
4 x 18	5 $\frac{1}{4}$ x 19 $\frac{1}{4}$	9 x 30	10 $\frac{7}{8}$ x 31 $\frac{1}{8}$	16 x 26	18 $\frac{5}{16}$ x 28 $\frac{5}{16}$	24 x 36	26 $\frac{3}{8}$ x 38 $\frac{3}{8}$
4 x 22	5 $\frac{1}{4}$ x 23 $\frac{1}{4}$			16 x 28	18 $\frac{5}{16}$ x 30 $\frac{5}{16}$	24 x 38	26 $\frac{3}{8}$ x 40 $\frac{3}{8}$
4 x 24	5 $\frac{1}{4}$ x 25 $\frac{1}{4}$			16 x 30	18 $\frac{5}{16}$ x 32 $\frac{5}{16}$	24 x 40	26 $\frac{3}{8}$ x 42 $\frac{3}{8}$
		10 x 10	11 $\frac{1}{16}$ x 11 $\frac{1}{16}$	16 x 32	18 $\frac{5}{16}$ x 34 $\frac{5}{16}$	24 x 42	26 $\frac{3}{8}$ x 44 $\frac{3}{8}$
		10 x 12	11 $\frac{1}{16}$ x 13 $\frac{1}{16}$	16 x 36	18 $\frac{5}{16}$ x 38 $\frac{5}{16}$	24 x 48	26 $\frac{3}{8}$ x 50 $\frac{3}{8}$
6 x 6	7 $\frac{1}{16}$ x 7 $\frac{1}{16}$	10 x 14	11 $\frac{1}{16}$ x 15 $\frac{1}{16}$				
6 x 8	7 $\frac{1}{16}$ x 9 $\frac{1}{16}$	10 x 16	11 $\frac{1}{16}$ x 17 $\frac{1}{16}$				
6 x 10	7 $\frac{1}{16}$ x 11 $\frac{1}{16}$	10 x 18	11 $\frac{1}{16}$ x 19 $\frac{1}{16}$	18 x 18	20 $\frac{5}{16}$ x 20 $\frac{5}{16}$		
6 x 12	7 $\frac{1}{16}$ x 13 $\frac{1}{16}$	10 x 20	11 $\frac{1}{16}$ x 21 $\frac{1}{16}$	18 x 20	20 $\frac{5}{16}$ x 22 $\frac{5}{16}$		
6 x 14	7 $\frac{1}{16}$ x 15 $\frac{1}{16}$	10 x 22	11 $\frac{1}{16}$ x 23 $\frac{1}{16}$	18 x 22	20 $\frac{5}{16}$ x 24 $\frac{5}{16}$	26 x 26	28 $\frac{3}{8}$ x 28 $\frac{3}{8}$
6 x 16	7 $\frac{1}{16}$ x 17 $\frac{1}{16}$	10 x 24	11 $\frac{1}{16}$ x 25 $\frac{1}{16}$	18 x 24	20 $\frac{5}{16}$ x 26 $\frac{5}{16}$	26 x 28	28 $\frac{3}{8}$ x 30 $\frac{3}{8}$
6 x 18	7 $\frac{1}{16}$ x 19 $\frac{1}{16}$	10 x 30	11 $\frac{1}{16}$ x 31 $\frac{1}{16}$	18 x 28	20 $\frac{5}{16}$ x 30 $\frac{5}{16}$	26 x 30	28 $\frac{3}{8}$ x 32 $\frac{3}{8}$
6 x 20	7 $\frac{1}{16}$ x 21 $\frac{1}{16}$			18 x 30	20 $\frac{5}{16}$ x 32 $\frac{1}{4}$	26 x 32	28 $\frac{3}{8}$ x 34 $\frac{3}{8}$
6 x 22	7 $\frac{1}{16}$ x 23 $\frac{1}{16}$			18 x 36	20 $\frac{5}{16}$ x 38 $\frac{1}{4}$	26 x 34	28 $\frac{3}{8}$ x 36 $\frac{3}{8}$
6 x 24	7 $\frac{1}{16}$ x 25 $\frac{1}{16}$	12 x 12	14 $\frac{1}{16}$ x 14 $\frac{1}{16}$			26 x 36	28 $\frac{3}{8}$ x 38 $\frac{3}{8}$
6 x 28	7 $\frac{1}{16}$ x 29 $\frac{1}{16}$	12 x 14	14 $\frac{1}{16}$ x 16 $\frac{1}{16}$	20 x 20	22 $\frac{3}{8}$ x 22 $\frac{3}{8}$		
6 x 30	7 $\frac{1}{16}$ x 31 $\frac{1}{16}$	12 x 15	13 $\frac{1}{16}$ x 17 $\frac{1}{16}$	20 x 22	22 $\frac{3}{8}$ x 24 $\frac{3}{8}$		
6 x 32	7 $\frac{1}{16}$ x 33 $\frac{1}{16}$	12 x 16	14 $\frac{1}{16}$ x 18	20 x 24	22 $\frac{3}{8}$ x 26 $\frac{3}{8}$		
6 x 36	7 $\frac{1}{16}$ x 37 $\frac{1}{16}$	12 x 17	14 $\frac{1}{16}$ x 19	20 x 26	22 $\frac{3}{8}$ x 28 $\frac{3}{8}$		
		12 x 18	14 $\frac{1}{16}$ x 20	20 x 28	22 $\frac{3}{8}$ x 30 $\frac{3}{8}$	28 x 28	30 $\frac{3}{8}$ x 30 $\frac{3}{8}$
8 x 8	9 $\frac{3}{4}$ x 9 $\frac{3}{4}$	12 x 20	14 $\frac{1}{16}$ x 22	20 x 30	22 $\frac{3}{8}$ x 32 $\frac{3}{8}$	28 x 30	30 $\frac{3}{8}$ x 32 $\frac{3}{8}$
8 x 10	9 $\frac{3}{4}$ x 11 $\frac{3}{4}$	12 x 22	14 $\frac{1}{16}$ x 24	20 x 32	22 $\frac{3}{8}$ x 34 $\frac{3}{8}$	28 x 32	30 $\frac{3}{8}$ x 34 $\frac{3}{8}$
8 x 12	9 $\frac{3}{4}$ x 13 $\frac{3}{4}$	12 x 24	14 $\frac{1}{16}$ x 26	20 x 34	22 $\frac{3}{8}$ x 36 $\frac{3}{8}$	28 x 34	30 $\frac{3}{8}$ x 36 $\frac{3}{8}$
8 x 14	9 $\frac{3}{4}$ x 15 $\frac{1}{16}$	12 x 30	14 $\frac{1}{16}$ x 32	20 x 36	22 $\frac{3}{8}$ x 38 $\frac{3}{8}$	28 x 36	30 $\frac{3}{8}$ x 38 $\frac{3}{8}$
8 x 16	9 $\frac{3}{4}$ x 17 $\frac{1}{16}$	12 x 32	14 $\frac{1}{16}$ x 34			28 x 40	30 $\frac{3}{8}$ x 42 $\frac{3}{8}$
8 x 18	9 $\frac{3}{4}$ x 19 $\frac{3}{4}$	12 x 36	14 $\frac{1}{16}$ x 38	22 x 22	24 $\frac{3}{8}$ x 24 $\frac{3}{8}$		
8 x 20	9 $\frac{3}{4}$ x 21 $\frac{3}{4}$	12 x 40	14 $\frac{1}{16}$ x 42	22 x 24	24 $\frac{3}{8}$ x 26 $\frac{3}{8}$		
8 x 22	9 $\frac{3}{4}$ x 23 $\frac{3}{4}$			22 x 26	24 $\frac{3}{8}$ x 28 $\frac{3}{8}$		
8 x 24	9 $\frac{3}{4}$ x 25 $\frac{3}{4}$	14 x 14	16 $\frac{1}{4}$ x 16 $\frac{1}{4}$	22 x 28	24 $\frac{3}{8}$ x 30 $\frac{3}{8}$		
8 x 30	9 $\frac{3}{4}$ x 31 $\frac{1}{16}$	14 x 16	16 $\frac{1}{4}$ x 18 $\frac{5}{16}$	22 x 30	24 $\frac{3}{8}$ x 32 $\frac{3}{8}$	30 x 30	32 $\frac{3}{8}$ x 32 $\frac{3}{8}$
		14 x 18	16 $\frac{1}{4}$ x 20 $\frac{1}{16}$	22 x 32	24 $\frac{3}{8}$ x 34 $\frac{3}{8}$	30 x 32	32 $\frac{3}{8}$ x 34 $\frac{3}{8}$
		14 x 20	16 $\frac{1}{4}$ x 22 $\frac{3}{16}$	22 x 36	24 $\frac{3}{8}$ x 38 $\frac{3}{8}$	30 x 34	32 $\frac{3}{8}$ x 36 $\frac{3}{8}$
9 x 12	10 $\frac{7}{8}$ x 13 $\frac{7}{8}$	14 x 22	16 $\frac{1}{4}$ x 24 $\frac{1}{4}$	22 x 38	24 $\frac{3}{8}$ x 40 $\frac{3}{8}$	30 x 36	32 $\frac{3}{8}$ x 38 $\frac{3}{8}$
9 x 14	10 $\frac{7}{8}$ x 15 $\frac{7}{8}$	14 x 24	16 $\frac{1}{4}$ x 26 $\frac{1}{4}$	22 x 40	24 $\frac{3}{8}$ x 42 $\frac{3}{8}$	30 x 40	32 $\frac{3}{8}$ x 42 $\frac{3}{8}$
9 x 16	10 $\frac{7}{8}$ x 17 $\frac{1}{8}$	14 x 48	16 $\frac{1}{4}$ x 50 $\frac{1}{16}$	22 x 42	24 $\frac{3}{8}$ x 44 $\frac{3}{8}$	30 x 42	32 $\frac{3}{8}$ x 44 $\frac{3}{8}$

Sizes 4" x 6" to 14" x 22" inclusive have a uniform depth, open of 2 $\frac{5}{16}$ ", closed 1 $\frac{1}{2}$ ".

Sizes 16" x 16" to 30" x 42" inclusive have a uniform depth, open of 5", closed 3".

Packing quantities to the case or package, as well as shipping weights, are given on page 53.

The foregoing List is for the convenience of Installers, Contractors and Architects to quickly ascertain nearest Stock Sizes of Registers and Faces to fit certain sizes of openings and avoid the costly expense of Special Production in a great many cases. Order nearest stock size and save extra cost.



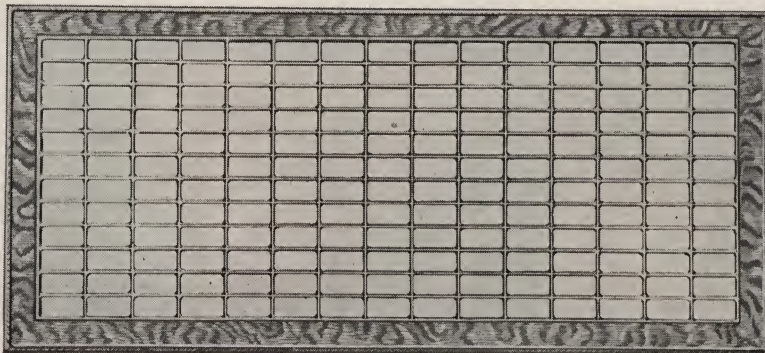
UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. SPECIAL STEEL FACES IN POPULAR COLD-AIR PIPE SIZES

To fill an increasing demand for popular sizes of U. S. Steel Faces that can be used with the most commonly used sizes of cold-air ducts and round cold-air pipe, we furnish the sizes below in all Standard Finishes, including OAK GRAIN.

Our OAK GRAIN Finish is accomplished by the same careful process as used in the production of the finest Metal Furniture. A fine substitute for natural oak faces where labor-saving is considered in installation cost.

U. S. SPECIAL STEEL FACE in OAK GRAIN FINISH



Supporting Bars
are Welded to
the Face



End View Showing
Supporting Bars

Each Face is heavily braced to give required strength

Because of the narrow widths, the sizes below can be made of slightly lighter steel gauges, which permits the application of the following low lists, which must not be confused with the standard lists of faces of heavier steel and construction.

LIST PRICES

Size in inches	Size Round Pipe in inches	Black Japan	Oak Grain and Lacquered Bronze	Plated Oxidized Copper	Plated Brass Bronze or Nickel
10 x 24	14	\$ 3.60	\$ 3.75	\$ 5.00	\$ 6.50
10 x 30	16	3.75	4.25	5.75	8.50
12 x 14	12	2.50	3.00	4.50	5.00
12 x 24	16	3.75	4.00	5.50	8.00
12 x 30	18	4.00	4.50	6.00	9.00
14 x 30	20	4.50	5.00	9.00	11.00
18 x 30	22	5.75	6.50	10.00	11.50
20 x 30	24	6.00	7.00	10.50	12.00

This Special Line of Faces made in above sizes ONLY

A Special Discount applies to above Lists, which discount should not be confused with the Regular discount on Large Cold-Air Faces.



METHOD OF PACKING

U. S. Steel Floor Registers, Faces and Borders

QUANTITY OF U. S. STEEL FLOOR REGISTERS PACKED IN FULL CASE LOTS

Size of Register in inches	Number in Case	Gross Weight Pounds	Size of Register in inches	Number in Case	Gross Weight Pounds
6 x 6	24	65	12 x 14	15	150
6 x 8	24	70	12 x 15	15	155
6 x 10	24	85	12 x 16	16	165
8 x 8	27	105	14 x 16	10	125
8 x 10	24	110	14 x 18	10	135
8 x 12	24	125	14 x 20	11	160
9 x 12	20	120	14 x 22	11	170
9 x 14	20	150	CRATES		
10 x 10	20	115		10	285
10 x 12	20	130		5	175
10 x 14	15	120		5	215
12 x 12	16	125		5	275
			16 x 20		
			16 x 24		
			20 x 24		
			24 x 30		

QUANTITY OF U. S. STEEL COLD-AIR FACES PACKED IN FULL CRATE LOTS

Size of Register in inches	Number in Crate	Gross Weight Pounds	Size of Register in inches	Number in Crate	Gross Weight Pounds
16 x 20	15	185	24 x 24	10	220
16 x 24	15	225	24 x 30	10	265
18 x 24	15	255	26 x 26	10	330
20 x 20	15	230	28 x 28	10	355
20 x 24	15	270	30 x 30	10	400
20 x 30	10	215	30 x 36	5	260

QUANTITY OF U. S. STEEL BORDERS PACKED IN FULL CRATE LOTS

Size of Register in inches	Number in Crate	Gross Weight Pounds	Size of Register in inches	Number in Crate	Gross Weight Pounds
8 x 10	50	205	14 x 16	50	285
8 x 12	50	215	14 x 18	50	305
			14 x 20	50	315
9 x 12	50	225	14 x 22	50	325
			16 x 20	10	140
10 x 12	50	235	16 x 24	10	200
10 x 14	50	245	18 x 24	10	220
12 x 15	50	265	20 x 24	10	225
12 x 16	50	275	24 x 30	10	235

U. S. STEEL FLOOR REGISTERS up to 12" x 15" are packed each in an individual strawboard carton. Sizes over 12" x 15" are wrapped in heavy kraft paper. All sizes, in case lots, are packed in cases as given in the schedule above.

U. S. STEEL FACES AND BORDERS are wrapped in heavy kraft paper and packed in crates in quantities as given in the schedule above.



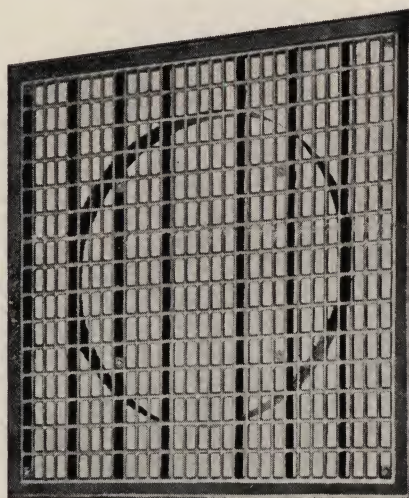
UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. DUPLEX STEEL GRATINGS

For Pipeless Furnaces

Manufactured expressly for the builder and installer of pipeless furnaces.

Has more REINFORCING BARS and deeper CONNECTING HOOP than is common with steel duplex gratings.



U. S. DUPLEX GRATING

Each U. S. STEEL DUPLEX GRATING is made of heavy-gauge, deeply embossed, pressed steel, supported below with a framework made of heavy steel bands set on edge, thus insuring grating against breaking, warping or cracking.

Sets flat on floor like ordinary floor face. Warm-air outlet through hoop in center. Cold-air inlet through that section of face outside of hoop.

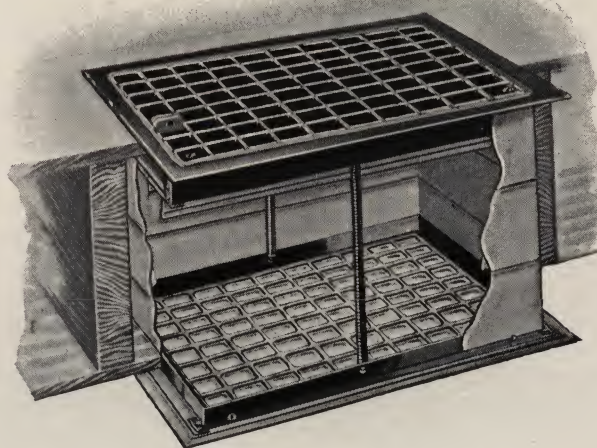
LIST PRICES OF DUPLEX STEEL GRATINGS FOR PIPELESS FURNACES

Size of Opening in Inches	Size of Collars	Black Japan	Plated Oxidized Copper
20 x 22	14 in.	\$ 22.00	\$ 27.00
22 x 24	16 in.	25.00	30.50
24 x 24	18 in.	27.00	32.75
24 x 28	18 in.	30.00	36.00
28 x 28	20 in.	37.00	43.00
30 x 30	22 in.	39.00	45.00
30 x 36	24 in.	43.50	52.00
32 x 32	24 in.	42.00	50.00
34 x 34	26 in.	44.00	52.50
36 x 36	28 in.	52.00	61.00
40 x 40	30 in.	68.50	80.00
44 x 44	34 in.	86.00	100.00
44 x 48	36 in.	90.00	105.00



U. S. ADJUSTABLE CEILING VENTILATORS

Each U. S. ADJUSTABLE CEILING VENTILATOR consists of a Black Japanned Steel Floor Register and a White Japanned Steel Face attached to an adjustable tin box, adjusting from 7 to 12 inches. It is the easiest to install of all ceiling registers. NO TOOLS NECESSARY after the opening has been cut. No HOOKS or STEP-LADDERS needed.



Designed for the purpose of circulating air between the first and second floor rooms. Really a necessity and time-saver to the installer of one-pipe and pipeless furnaces.

LIST PRICES OF U. S. ADJUSTABLE CEILING VENTILATORS

Size of Opening in inches	Price	Size of Opening in inches	Price	Size of Opening in inches	Price
8 x 10	\$ 4.40	10 x 14	\$ 7.60	14 x 18	\$ 18.00
8 x 12	4.80	12 x 14	10.00	14 x 20	19.25
9 x 12	5.40	12 x 15	11.00	16 x 20	22.00
10 x 12	6.40	14 x 16	16.50	16 x 24	26.00

IMPORTANT. — Each ventilator is packed in an individual corrugated paper shipping container. This convenience is rendered our jobbers without charge.



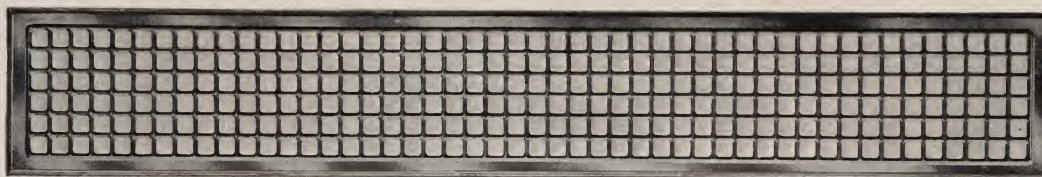
UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. STEEL SCREENS

Made of pressed steel for use in front of steam pipes and radiators, stair risers, baseboards, store windows, etc. Plain lattice design.

We furnish screens or grilles to suit every condition of use and which are drilled and countersunk so that they can be attached to any flat wood surface.

U. S. STEEL SCREENS WITH DEEPLY EMBOSSED BARS MADE TO MATCH U. S. FLOOR REGISTERS IN DESIGN



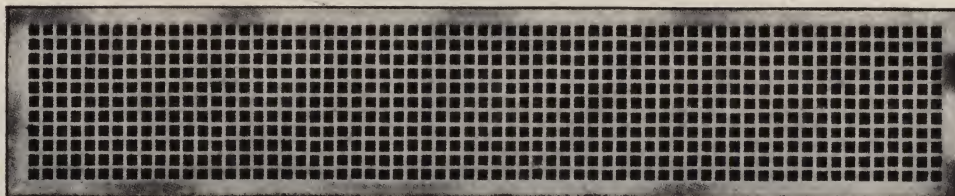
U. S. Steel Screens with Deeply Embossed Bars are made in one piece in any size up to 72 inches in Length. Always specify by daylight opening size.

Prices Quoted on Application

FLAT STEEL GRILLES

(Bars Not Embossed)

Made of No. 12 Ga. Steel and can be furnished in Nos. 10 Ga., 14 Ga. and 16 Ga. if so desired.



Made in $\frac{1}{2}$ -inch and $\frac{7}{8}$ -inch mesh Square Lattice Design.

Always, when ordering, specify by extreme dimension; give size of mesh required, Gauge of Steel and finish.

Also, if in plated finish, state if finished one side only or both sides.

COLD-AIR INLETS

(Steel Face and Sheet Steel Collar 4 inches Deep)

VENTILATING SPECIALTIES



Cold-Air Inlets, 4 Inches Deep

LIST PRICES

Size of Opening in inches	Black Japan	White Japan	Plated Oxidized Copper
4 x 6	\$ 1.60	\$ 1.70	\$ 2.20
4 x 10	2.20	2.40	3.05
4 x 12	3.05	3.25	4.25
4 x 15	3.75	3.95	5.25
4 x 18	4.45	4.65	6.35
4 x 24	5.80	6.00	7.80
4 x 30	7.35	7.65	9.50



U. S. HEAVY ROUND GRATINGS AND BORDERS

List Prices, Etc., of U. S. Heavy Round Gratings
and Borders for Churches, Stores, Etc.

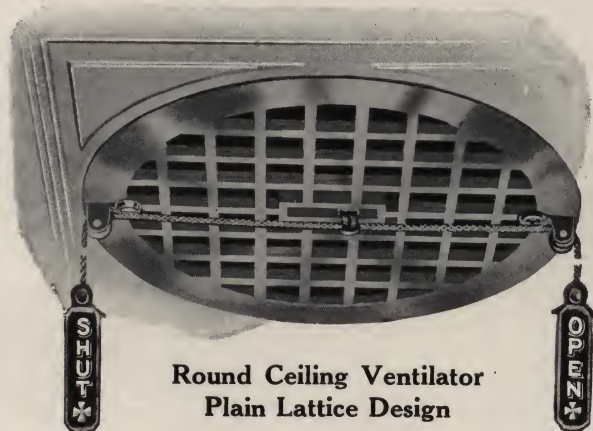
Size of Opening in inches	Grating	Border
24 in.	\$ 12.00	\$ 12.00
30 in.	21.50	21.50
33 in.	28.25	25.50
36 in.	35.00	29.50
42 in.	48.00	37.50
48 in.	60.00	45.00
54 in.	80.00	60.00

We guarantee the U. S. Round Gratings to have more air capacity and to be stronger, neater and more finely finished than any other round gratings made.



Heavy Round Gratings and Borders

ROUND REGISTERS, FACES, BORDERS AND VENTILATORS



Round Ceiling Ventilator
Plain Lattice Design

With cords and indicators. Made in all listed sizes.

Slide-Center Movement

This cut shows ceiling ventilator made by attaching fixtures to round plain lattice design register.

Sidewall or ceiling fixtures can be attached to any design of round register.

For prices on pulleys, indicators, and handles, see page 50.

For prices on operating cord and chain, see discount sheet.

In ordering Round Registers and Faces, Specify Diameter of inside opening of Face.



Round Register with
Floor Border

LIST PRICES, ETC., OF ROUND REGISTERS, FACES AND BORDERS

BLACK JAPAN

Size of Body in inches	Registers	Faces	Borders	Size
6	\$ 1.50	\$.90	\$ 1.15	6 3/4 in.
7	1.55	1.00	1.20	7 1/4 in.
8	1.60	1.05	1.20	8 1/4 in.
9	2.00	1.40	1.60	9 1/4 in.
10	2.35	1.65	1.70	10 1/4 in.
12	4.00	2.70	2.70	12 1/4 in.
14	7.90	4.05	4.05	14 1/4 in.
16	11.00	5.10	5.10	16 1/4 in.
18	18.50	7.20	7.20	18 1/4 in.
20	19.75	8.00	8.00	20 1/4 in.
24	30.00	12.00	12.00	25 in.
28	44.00	19.00	19.00	29 in.
30	49.00	21.50	21.50	30 1/4 in.
36	80.00	35.00	29.50	36 1/4 in.



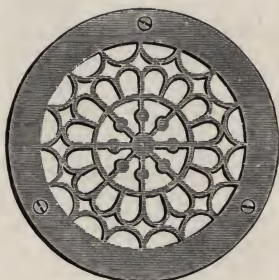
REVERSE BEVEL FRAMES

A very convenient fixture for holding the register in a brick wall; the frame is securely masoned into the wall and the register is attached by screws. The register can be removed without disturbing the wall. Adapted for use in asylums, prisons, etc. Made 2 inches and 4 inches deep.



LIST PRICES OF REVERSE BEVEL FRAMES

For Register in inches	4 in. Deep	For Register in inches	4 in. Deep	For Register in inches	4 in. Deep	For Register in inches	4 in. Deep
10 x 12	\$ 2.80	12 x 18	\$ 3.90	16 x 16	\$ 4.40	22 x 28	\$ 7.70
10 x 14	3.00	12 x 20	4.20	16 x 18	4.70		
10 x 16	3.30	12 x 22	4.70	16 x 20	5.00	24 x 24	7.20
10 x 18	3.50	12 x 24	4.70	16 x 22	5.30	24 x 28	7.80
10 x 20	3.80	12 x 30	5.50	16 x 24	5.50	24 x 30	8.10
10 x 22	4.20	12 x 32	5.70	16 x 30	6.75	24 x 32	8.60
10 x 24	4.30	12 x 36	6.30	18 x 18	5.20	24 x 36	9.10
10 x 30	5.00	12 x 40	7.20	18 x 20	5.50		
				18 x 24	6.00	28 x 28	8.10
12 x 12	3.10	14 x 14	3.80	20 x 24	6.60	30 x 30	9.00
12 x 14	3.40	14 x 16	4.10	20 x 26	6.90	30 x 36	10.00
12 x 15	3.50	14 x 18	4.30	20 x 28	7.10		
12 x 16	3.60	14 x 20	4.60	20 x 30	7.50	36 x 36	11.00
12 x 17	3.80	14 x 22	4.80	20 x 32	7.70		
		14 x 24	5.00	20 x 36	8.50		



Hub Pattern

ROUND VENTILATING PLATES

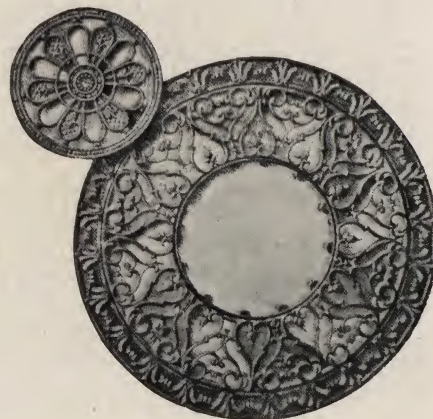
List Prices, Etc., of Round Ventilating Plates

Size of Opening in inches	Black Japan	White Japan	Bronzed Gold, Copper, Bronzed Finish	Electroplated	
				Nickel	Brass, Bronze, Copper
3	\$.20	\$.25	\$.30	\$.40	\$.45
3½	.25	.30	.35	.50	.60
4	.30	.35	.40	.60	.70
4½	.35	.40	.50	.75	.85
5	.50	.60	.70	.90	1.10
5½	.60	.70	.80	1.10	1.25
6	.70	.80	.90	1.25	1.50

U. S. STOVE PIPE REGISTER

U. S. STOVE PIPE REGISTER LIST PRICES

Size of Stove Pipe	6 in.	7 in.	8 in.	9 in.
Black Jap. register and cap.....	\$1.50	\$1.70	\$2.00	\$2.50
White Jap. ceiling plate and cap.....	1.50	1.70	2.00	2.50





REGISTER FACES AND GRILLES

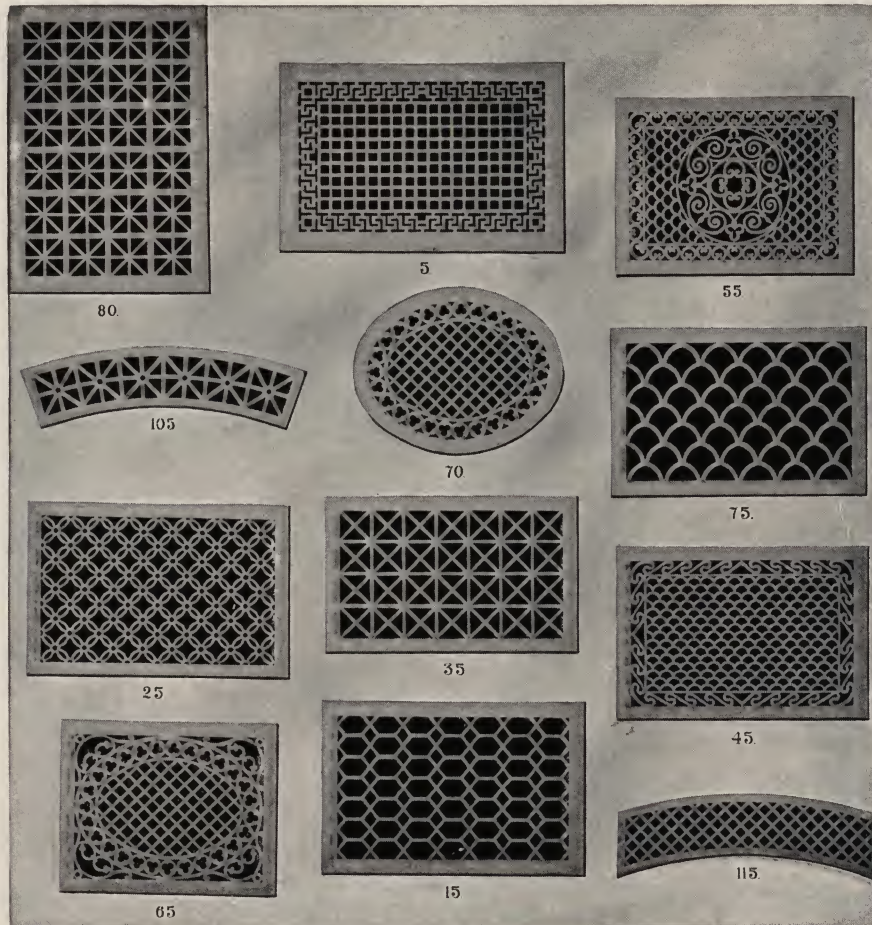
SPECIALLY DESIGNED AND MADE TO ORDER ONLY

Faces or grilles shown on this page and made especially to order cannot under any circumstances be returned for credit.

We illustrate below only a few of our special design registers and grilles. These are not stock goods, and will be made to order only. We make registers and grilles convex, concave, or any other shape or design.

We also make a specialty of matching hardware trimmings in all antique and modern shades. We shall be pleased to receive original designs or sketches for any order of decoration from architects and engineers, on which estimates for either registers or grilles will be promptly submitted.

Special designs made to order only. Prices on application.



When submitting Specifications for Estimates, advise if sizes are Daylight or Extreme Size, Specify Finish, and advise if Steel or Cast Grilles are required, as some of the above designs can be furnished in steel.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

PERFORATED FLAT STEEL GRILLES

of Our Manufacture

are

Approved and

Specified by the Best

Architects and

Structural Engineers

PROMPT PRODUCTION
on All Special Grille Orders



A Word About Perforated Flat Steel Grilles

The Constant, ever Increasing and Pressing Demand made upon us by our friends whom we have supplied with our Complete Lines of Registers for many years has, during the past year, caused us to embark in the production of Quality Flat Steel Grilles.

It is therefore with Pride and Assurance of Satisfaction that we offer a Complete Line of Flat Steel Grilles and a guarantee of more Prompt and Satisfactory Service than can be realized from any other source.

It was more for the purpose of giving this service to our old Register Customers, than for any other that we added this new line of Perforated Grilles to our other Complete Lines of Production.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

FLAT STEEL GRILLES

OF PERFORATED METAL

When Ordering, Give Attention to the Following Specifications:—

Quantity.

Overall dimensions (opening plus blank margins).

Unless otherwise specified we will assume that dimensions are extreme and include all blank margins.

Style of perforation, $\frac{7}{8}$ " and $\frac{1}{2}$ " mesh.

Gauge of material.

Kind of metal other than steel.

Width of blank margins.

Screw holes (3c each, not countersunk; 5c each, countersunk).




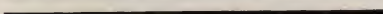
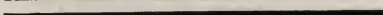
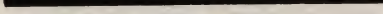
Finish.—Plain, Prime Coat, Black Japan, Copper, Brass or Bronze Plated.

In other than square lattice grilles and other symmetrical designs, be careful to indicate which dimension is the vertical height of each grille when installed.

If plated, advise if finished on both sides.

Also, Be Sure to State Thickness of Steel Required. See Following Table:—

Steel is gauged according to the United States Standard. The following table illustrates the actual thickness of the various gauges commonly used for grilles:—

.037"		No. 20 Gauge
.050"		No. 18 "
.062"		No. 16 "
.078"		No. 14 "
.109"		No. 12 "
.140"		No. 10 "

Perforated Metal grilles have the strength of sheet steel and are not brittle like cast grilles. For this reason thin punched grilles have more strength than thick cast grilles.

Grilles are usually made of steel, but can be made of brass, bronze, copper, aluminum, zinc or any other sheet metal if desired.

SPECIAL FEATURES

Invisible openings or hand holes to permit of adjustment of radiator valves and steam vents; hinged grilles mounted on steel frames or arranged for mounting on wooden frames; screw holes and other special features can be easily arranged with perforated metal grilles.



FLAT STEEL GRILLES

SQUARE LATTICE DESIGN

Specify size of mesh when ordering; also specify finish, design, and gauge of metal.

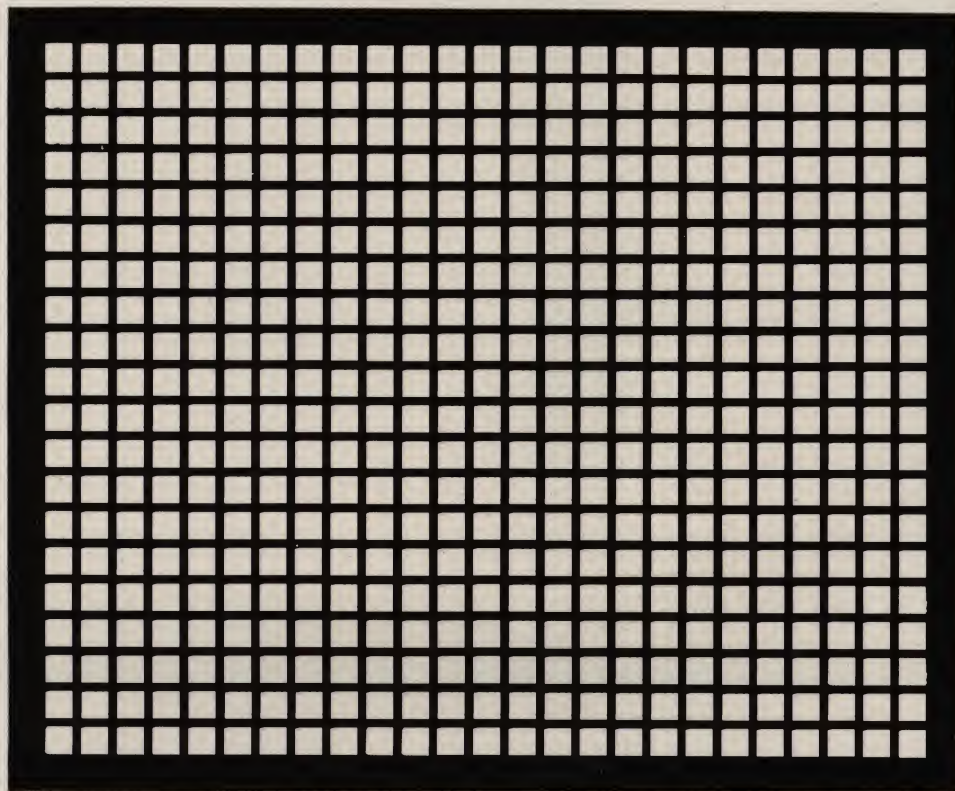
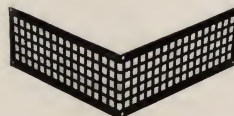


Illustration of $\frac{7}{8}$ -inch Square Opening and $\frac{1}{4}$ -inch Bridge, Which Allows 60% Open Space

SPECIAL STYLES FOR SPECIAL PURPOSES



Grille for Openings in Curved Walls
or Baseboards



Grille for Corner Openings



A Flat Grille Placed Over an Arch

Made of Nos. 12, 14, 16 and 10 Ga. Steel

Designate plainly whether dimensions represent extreme outside or inside (daylight) measurements. In ordering, specify Extreme Dimension, Size of Mesh, Gauge of Steel and Finish. If required in Plated Finish, state if finished on one side only or on both sides.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

FLAT STEEL GRILLES

Made of Nos. 12, 14, 16 and 10 Gauge Steel

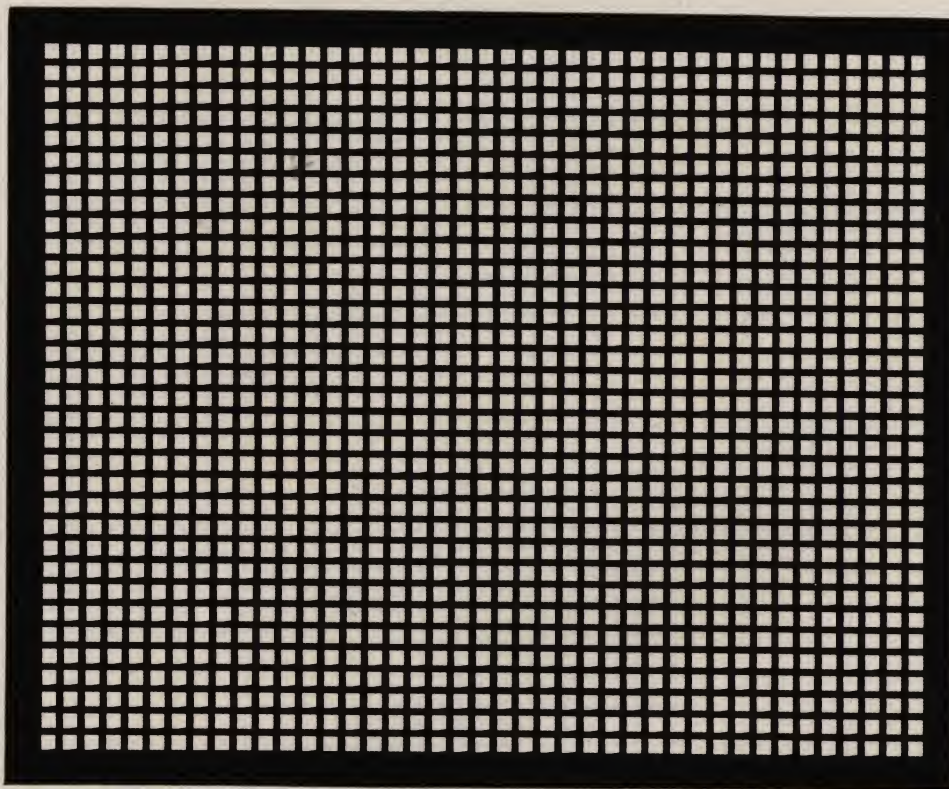
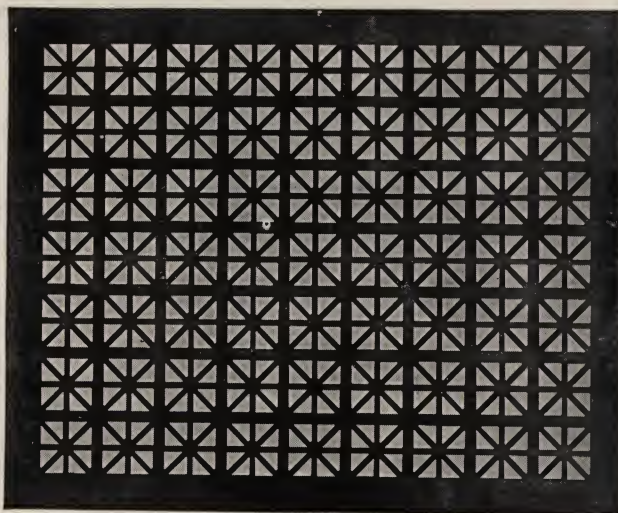


Illustration of Flat Steel Grille in $\frac{1}{2}$ -inch Square Mesh, $\frac{3}{16}$ -inch Bars or Bridges



STYLE L, 39% OPEN

The open area of this design can be increased by spacing the basic squares of the design closer together

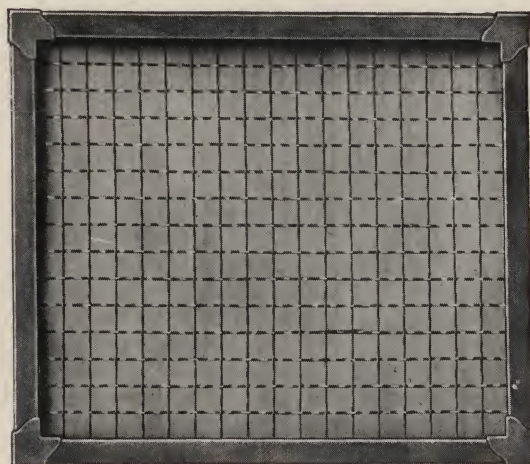
Order by extreme outside dimension, also gauge of metal and finish. Special prices on application.
If required in Plated Finish, state whether grille should be finished on one side only or on both sides.



U. S. WIRE SCREENS

For Schools, Churches and Public Buildings

Design No. 62



U.S. Wire Screen.

Angle Iron Frame

Design No. 62.—Square Mesh, Round Wire, Angle Frame

LIST PRICES DESIGN No. 62

Size of Mesh in inches	Gauge of Wire in inches	Size of Frame in inches	List per Square Foot		
			Black	Oxidized Copper	Brushed Brass
2	No. 10	1 x 1	\$.80	\$ 1.20	\$ 1.50
1½	No. 11	1 x 1	.90	1.40	1.75
1¼	No. 12	1 x 1	1.00	1.60	2.00
1	No. 13	1 x 1	1.10	1.75	2.50

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

Design No. 58, Square Mesh, Round Wire, Channel Frame, is exactly the same as above illustration, excepting that it is made with channel iron frame instead of Angle Iron Frame.

LIST PRICES DESIGN No. 58

Size of Mesh in inches	Gauge of Wire in inches	Size of Frame in inches	List per Square Foot		
			Black	Oxidized Copper	Brushed Brass
2	No. 10	1 x ½	\$.80	\$ 1.20	\$ 1.50
1½	No. 11	1 x ½	.90	1.40	1.75
1¼	No. 12	1 x ½	1.00	1.60	2.00
1	No. 13	1 x ½	1.10	1.75	2.50

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

IMPORTANT:—

Always specify dimension of opening in which screen fits.

If no finish is specified, all screens will be finished in one Black Priming Coat.

Plain screens take same list as black.

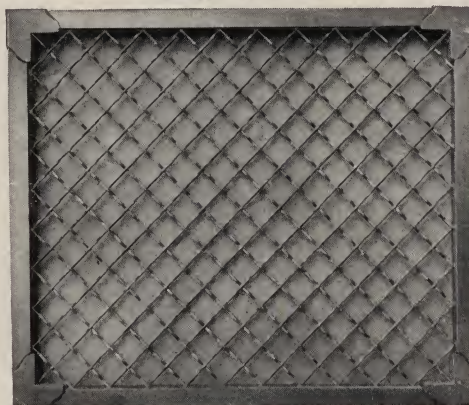


UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. WIRE SCREENS

For Schools, Churches and Public Buildings

Design No. 61



U. S. Wire Screen

Angle Iron Frame

Design No. 61.—Diagonal Square Mesh, Round Wire, Angle Frame

Can be furnished with hinges and catches and hinged to angle iron frames if so required.

LIST PRICES DESIGN NO. 61

Size of Mesh in inches	Size of Wire in inches	Size of Frame in inches	List per Square Foot		
			Black	Oxidized Copper	Brushed Brass
2	$\frac{3}{16} \times \frac{1}{16}$	1 x 1	\$.80	\$ 1.20	\$ 1.50
1½	$\frac{3}{16} \times \frac{1}{16}$	1 x 1	.90	1.40	1.75
1¼	$\frac{3}{16} \times \frac{1}{16}$	1 x 1	1.00	1.60	2.00
1	$\frac{3}{16} \times \frac{1}{16}$	1 x 1	1.10	1.75	2.50

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

Design No. 59, Diagonal Square Mesh, Round Wire Channel Frame, is exactly the same as the above illustration, excepting that it is made with Channel Iron Frame instead of Angle Iron Frame.

LIST PRICES DESIGN NO. 59

Size of Mesh in inches	Size of Wire in inches	Size of Frame in inches	List per Square Foot		
			Black	Oxidized Copper	Brushed Brass
2	$\frac{3}{16} \times \frac{1}{16}$	1 x ½	\$.80	\$ 1.20	\$ 1.50
1½	$\frac{3}{16} \times \frac{1}{16}$	1 x ½	.90	1.40	1.75
1¼	$\frac{3}{16} \times \frac{1}{16}$	1 x ½	1.00	1.60	2.00
1	$\frac{3}{16} \times \frac{1}{16}$	1 x ½	1.10	1.75	2.50

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

IMPORTANT:—

Always specify dimensions of opening in which screens fit.

1" x 1" Angle Iron Frame Screens are regular.

If 1¼ x 1¼ frames are required, add 5c net per lineal foot.

If 1½ x 1½ frames are required, add 8c net per lineal foot.

Regular frames have ornamental iron corners.

If welded corners are required, add 60c net per screen.

Angle iron frames are drilled for wood screws, and if so desired, designate plainly size and location of holes and if countersunk.



U. S. WIRE SCREENS

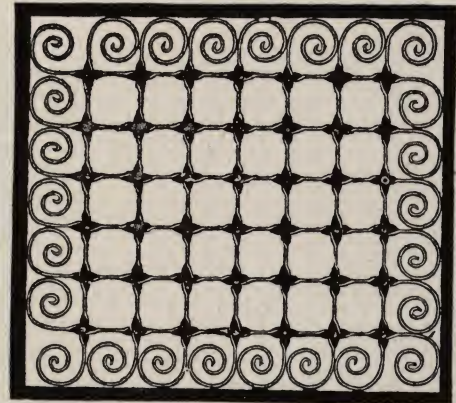
For Schools, Churches and Public Buildings

Design No. 55

Design No. 55.—Square Mesh Center, Flat Twisted Wire
Scroll Border, Angle Frame

LIST PRICES DESIGN No. 55

Size of Mesh in inches	Size of Wire in inches	Size of Frame in inches	List per Square Foot		
			Black	Oxidized Copper	Brushed Brass
2	$\frac{5}{16} \times \frac{1}{8}$	1 x 1	\$ 1.85	\$ 2.55	\$ 3.05
1½	$\frac{5}{16} \times \frac{1}{8}$	1 x 1	2.50	3.20	3.70



Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

Design No. 50.—Square Mesh, Flat Wire, Channel Frame

Design No. 51.—Square Mesh, Flat Wire, Angle Frame

LIST PRICES DESIGNS NO. 50 AND 51

Size of Mesh in inches	Size of Wire in inches	Size of Frame in inches	List per Square Foot		
			Black	Oxidized Copper	Brushed Brass
2	$\frac{3}{16} \times \frac{1}{8}$	1 x ½	\$.70	\$ 1.20	\$ 1.50
1½	$\frac{3}{16} \times \frac{1}{8}$	1 x ½	.80	1.40	1.75
1¼	$\frac{3}{16} \times \frac{1}{8}$	1 x ½	.90	1.60	2.00
1	$\frac{3}{16} \times \frac{1}{8}$	1 x ½	1.00	1.75	2.50

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

Design No. 52.—Square Mesh, Flat Twisted Wire, Angle Frame

LIST PRICES DESIGN No. 52

Size of Mesh in inches	Size of Wire in inches	Size of Frame in inches	List per Square Foot		
			Black	Oxidized Copper	Brushed Brass
2	$\frac{5}{16} \times \frac{1}{8}$	1 x 1	\$ 1.40	\$ 2.00	\$ 2.50
1½	$\frac{5}{16} \times \frac{1}{8}$	1 x 1	1.80	2.50	3.00

Same as Design No. 55, but without Scroll Border.

Always specify dimensions of opening in which screen fits.

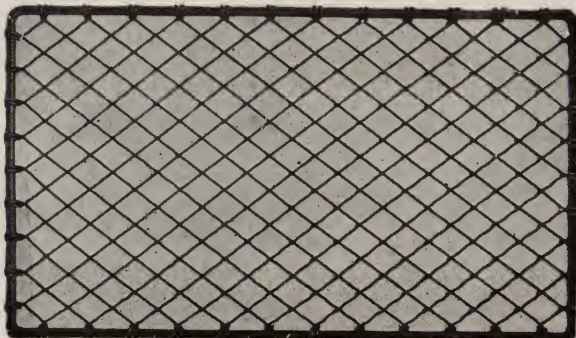
Designs 52 and 55 are not made with channel iron frames.

If no finish is specified, all screens will be finished in one Black Priming Coat.

Plain screens take same list as black.

WINDOW GUARDS

Design No. 49.—Diagonal Square Mesh, Round Wire, Round Iron Frame



Window Guard

LIST PRICES DESIGN No. 49

Size of Mesh in inches	Gauge of Wire	Size of Round Iron Frame in inches	List per Square Foot	
			Black	Galvanized
1½	No. 10	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ or $\frac{1}{2}$	\$.50	\$.55
1½	No. 12	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ or $\frac{1}{2}$	.45	.50
1¼	No. 14	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ or $\frac{1}{2}$	.50	.55

Screens of less than 3 square feet, take list of 3 square feet.

All screens with round frames are in black unless otherwise specified. Some delay must be allowed on galvanized screens.



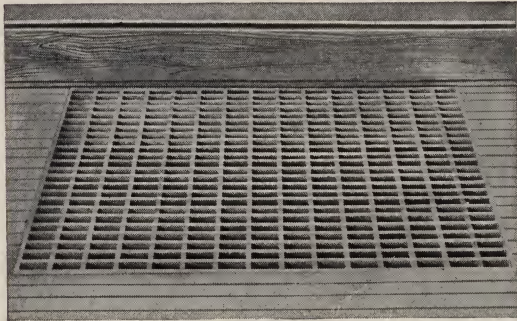
UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. WOOD COLD-AIR FACES

Made of Oak and Other Available Hardwoods of the **VERY BEST SELECTED GRADES**—Thoroughly Air-Seasoned and Perfectly **KILN-DRIED** in **OUR OWN MODERNLY EQUIPPED WOOD FACE FACTORY.**

We can furnish wood faces of almost any kind of wood, but are compelled to make an extra charge when made of cherry, maple, pine or wood other than oak.

These faces are made of strips $\frac{5}{8}$ of an inch thick by $1\frac{1}{4}$ inches deep, into which cross strips $\frac{5}{8}$ of an inch square are glued in grooves made to receive them. The square strips are pressed into the deep strips in such a manner as to make top of the face perfectly even after being carefully sanded. The meshes are $\frac{5}{8}$ " x $1\frac{5}{8}$ ".



U. S. Wood Face Installed

When in place, the top of the face is flush with the floor, wall or ceiling, and can be finished to match the other woodwork.

Shipped in well-made crates, by freight, parcel post or express, as ordered.

The opening should not be cut until the face is received, as it is necessary to vary the outside dimensions slightly from sizes listed in order to insure regularity of meshes. The opening can be made to fit the register face plate.

THE U. S. WOOD COLD-AIR FACES ARE PRACTICAL in every way and as perfect as wood faces can be made. When placed in a wall, the deep strips should be vertical.

The sizes listed here are carried in stock and we can ship the same day orders are received.

We can furnish any size required, but a little additional time is necessary to make special sizes.

To find the unobstructed area of air space in a wooden cold-air face, multiply the length by the width and deduct 44 per cent. In other words, multiply the length by the width and multiply this result by 0.56.

Prices, dimensions, etc., of U. S. WOOD COLD-AIR FACES are given on page 69.

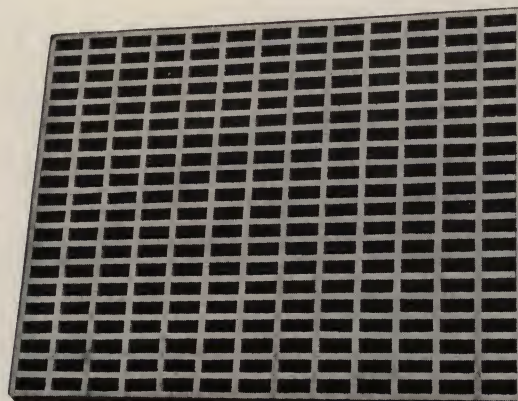


U. S. WOOD COLD-AIR FACES

U. S. WOOD FACES are made of the best selected grades of oak or other available hardwood, thoroughly seasoned and kiln dried.

Deep strips of face are $\frac{5}{16}$ inch thick by $1\frac{3}{8}$ inches deep, cut to receive cross strips $\frac{5}{16}$ " x $\frac{5}{16}$ ".

Made in our own Most Modernly Equipped Factory.



U. S. WOOD FACE

LIST PRICES OF STOCK SIZES OF U. S. WOOD COLD-AIR FACES

Floor Opening in inches	U. S. Wood Cold-Air Faces	Area of Air Space in Square Inches	Nearest Size of Round Pipe of Equivalent Area	Floor Opening in inches	U. S. Wood Cold-Air Faces	Area of Air Space in Square Inches	Nearest Size of Round Pipe of Equivalent Area
6 x 24	\$ 1.00	81	10 in.	14 x 24	\$ 2.33	188	16 in.
6 x 30	1.25	101	12 in.	* 14 x 30	2.92	235	16 in.
6 x 36	1.50	121	12 in.	14 x 40	3.89	314	20 in.
6 x 40	1.67	134	12 in.	14 x 50	4.86	392	22 in.
8 x 24	1.34	108	10 in.	14 x 60	5.83	470	24 in.
8 x 30	1.67	134	12 in.	16 x 20	2.22	179	14 in.
8 x 36	2.00	161	14 in.	16 x 24	2.67	215	16 in.
8 x 40	2.23	179	14 in.	* 16 x 30	3.34	269	18 in.
10 x 24	1.67	134	12 in.	18 x 24	3.00	242	18 in.
* 10 x 30	2.09	168	12 in.	* 18 x 30	3.75	303	20 in.
10 x 36	2.50	202	16 in.	20 x 24	3.33	269	18 in.
10 x 40	2.78	224	16 in.	20 x 28	3.88	314	20 in.
12 x 18	1.50	121	12 in.	* 20 x 30	4.17	336	20 in.
12 x 20	1.66	135	12 in.	22 x 28	4.29	345	22 in.
12 x 24	2.00	161	14 in.	24 x 24	4.00	323	20 in.
* 12 x 30	2.50	202	14 in.	* 24 x 30	5.00	403	22 in.
12 x 40	3.33	269	18 in.	24 x 36	6.00	484	24 in.
12 x 50	4.17	336	20 in.	26 x 30	5.42	437	24 in.
12 x 60	5.00	403	22 in.	* 28 x 30	5.84	471	24 in.
14 x 20	1.94	157	14 in.	30 x 30	6.25	504	26 in.
14 x 22	2.13	173	14 in.	30 x 36	7.50	605	28 in.

Sizes in heavy type and prefixed with a * are recommended because of setting over joists to the best advantage.

Every U. S. WOOD FACE is covered by our guarantee as to quality, material and workmanship.

Above sizes as Listed indicate that the Deep Strips run the long way of the Face.

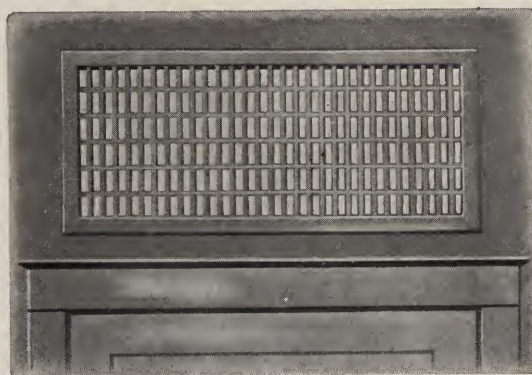
To designate that deep strips should run the short way of the face, Reverse the figures of the size. For example, 12 x 30 means deep strips run the Long way—30 x 12 means deep strips run the Short way.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

U. S. OAK PARTITION FACES

PIPELESS FURNACE MANUFACTURERS and INSTALLERS will be interested in the
U. S. OAK PARTITION FACES



U. S. WOOD PARTITION FACE INSTALLED

These U. S. OAK PARTITION FACES consist of the regular U. S. Wood Faces around which is built or mitered an oak frame made of $1\frac{3}{8}$ " x $\frac{5}{16}$ " oak strips, which framework forms a flange that covers the space between the face and the wall in which it is installed.

This makes a very practical and neat as well as an artistic ventilator for use over doorways, etc., on pipeless furnace jobs.

These partition faces may be ordered either with the frame strips applied to the face or shipped loose, not applied.

Prices are based on the cost of regular oak floor faces to which is added the cost of the oak strips on a basis per lineal foot either not applied to the face and also attached to the face.

Discount on faces shown on our current price sheet.

Net prices on $1\frac{3}{8}$ " x $\frac{5}{16}$ " oak frame strips per lineal foot attached or not attached to face are shown on our current discount sheet.

To order strips for partition faces, determine quantity for each face by using total outside measurements plus allowances for miters of each face for which a flange or frame is required.



NATIONAL NO-RIVET OR RIVET DAMPER CLIPS

NATIONAL NO-RIVET OR RIVET DAMPER CLIPS can be attached either without or with rivets.

Positive lock to prevent handle from turning loose.



National No-Rivet or Rivet Clip



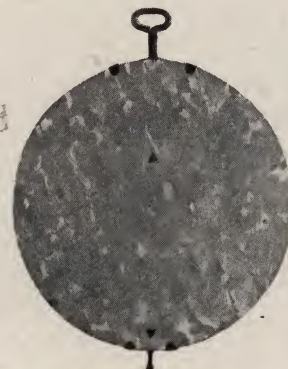
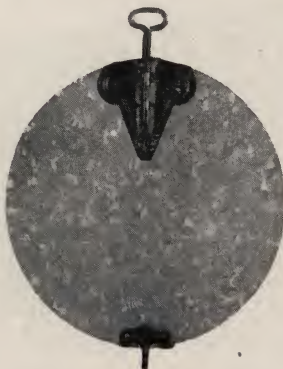
National No-Rivet
or Rivet Tips

NATIONAL DAMPER CLIPS and TIPS
are sold in One Dozen Lots
Gross Lots
Barrel Lots

Prices named on current discount sheets

THEY WILL NOT "TWIST OUT"

Notice the rivet holes and also the lugs for clinching. To assemble without rivets, cut out circular piece for damper and then with cold chisel or sharp punch force a hole through circular piece of damper into which insert the sharp point of the damper clip and clinch through on the opposite side and back toward the handle. Then bend down the lugs on the shoulder of the clip which hold the rim of the damper in place and the job is completed. It takes but a moment's time.



Every NATIONAL NO-RIVET OR RIVET DAMPER CLIP is guaranteed to be perfect in quality and workmanship.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

Double Fittings for First Floor Baseboard Registers



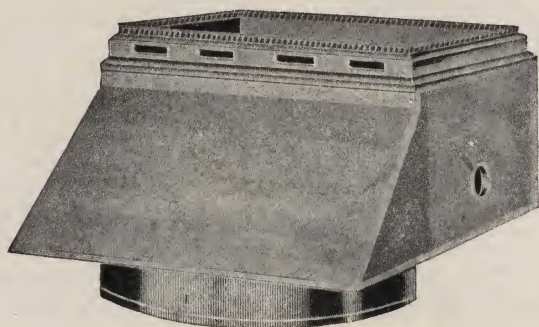
CUT 20

One-Way First Floor Baseboard Register Head

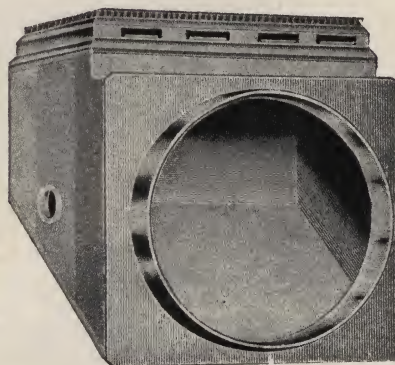


CUT 30

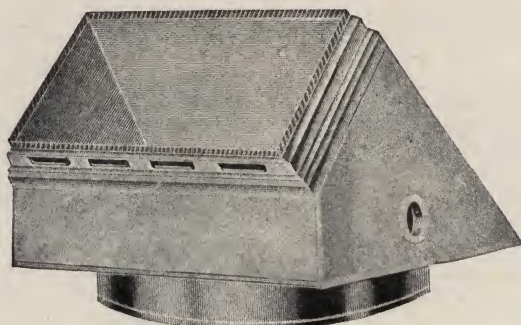
Two-Way First Floor Baseboard Register Head



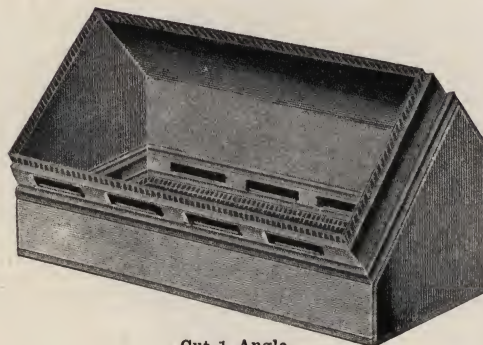
Cut 38 Boot



Cut 41 Boot



Cut 42 Boot



Cut 1 Angle

Above Illustrated First Floor Register Heads Fit National, Capitol, Mission and Liberty Baseboard Registers.

The double boots and angles above illustrated fit Jones-National, Capitol, Mission and Liberty Baseboard Registers. List Prices on Page 73.



LIST PRICES OF DOUBLE FITTINGS FOR FIRST FLOOR BASEBOARD REGISTERS
One-Way Box or Head

Size of Register	Jones-National	National	Capitol	Mission	Liberty	Size of Collar in inches	No. 20 Head	All Boots	Elbow Cut 5	Angle Cut 1	8-Inch Extension
8 x 10	853½	53½	253½	453½	353½	8	\$ 2.10	\$ 2.30	\$ 1.70	\$ 1.00	\$ 1.15
8 x 12	.....	52½	252½	452½	352½	9	2.20	2.40	1.90	1.10	1.25
9 x 12	854½	54½	254½	454½	354½	9	2.20	2.40	1.90	1.10	1.25
10 x 12	855	55	255	455	355	10	2.40	2.60	2.05	1.20	1.35
10 x 12	855¼	55¼	255¼	455¼	355¼	10	2.50	2.70	2.10	1.25	1.45
11 x 13	856	56	256	456	356	12	2.50	2.70	2.10	1.25	1.40
12 x 14	857	57	.....	.....	.....	12	2.70	2.80	2.30	1.35	1.45
11 x 13	8556	556	2556	4556	3556	12 or 14	2.80	3.00	2.30	1.35	1.50
12 x 14	8557	557	.....	.....	.....	14 or 16	3.00	3.20	2.90	1.70	1.60

LIST PRICES OF DOUBLE FITTINGS FOR FIRST FLOOR BASEBOARD REGISTERS
Two-Way Box or Head

Size of Register	Jones National	National	Capitol	Mission	Liberty	Size of Collar in inches	No. 30 Head	All Boots	Elbow Cut 5	Angle Cut 1	8-Inch Extension
2- 8 x 10	.....	2-53½	2-253½	2-453½	2-353½	9	\$ 2.50	\$ 2.80	\$ 2.00	\$ 1.20	\$ 1.35
2- 8 x 12	.....	2-52½	2-252½	2-452½	2-352½	10	2.70	3.00	2.20	1.30	1.45
2- 9 x 12	2-854½	2-54½	2-254½	2-454½	2-354½	10	2.70	3.00	2.20	1.30	1.45
2-10 x 12	2-855	2-55	2-255	2-455	2-355	12	2.90	3.20	2.30	1.35	1.55
2-10 x 12	2-855¼	2-55¼	2-255¼	2-455¼	2-355¼	14	3.10	3.40	2.40	1.40	1.65
2-11 x 13	2-856	2-56	2-256	2-456	2-356	14	3.10	3.40	2.55	1.50	1.65
2-12 x 14	2-857	2-57	2-257	2-457	2-357	14	3.30	3.60	3.10	1.80	1.75
2-11 x 13	2-8556	2-556	2-2556	2-4556	2-3556	14	3.50	4.00	3.10	1.80	2.00
2-12 x 14	2-8557	2-557	2-2557	2-4557	2-3557	16	3.70	4.20	3.40	2.00	2.10

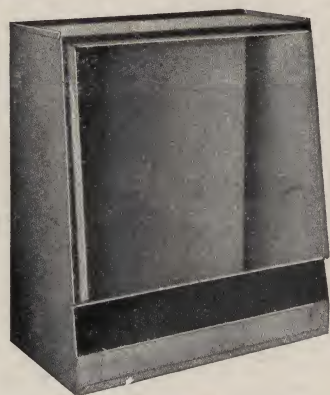
Order double-tin Fittings from above Lists by the Catalog Number of the Baseboard Register they are to fit.

Add \$1.00 to above List on Two-Way Boxes for extra wide or narrow partitions.

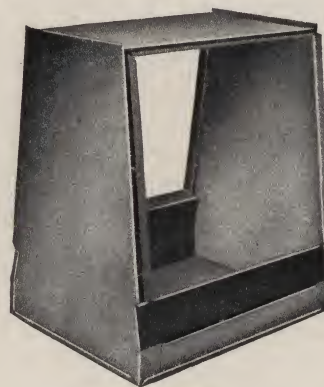


UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

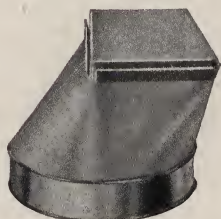
Single Fittings for First Floor Baseboard Registers



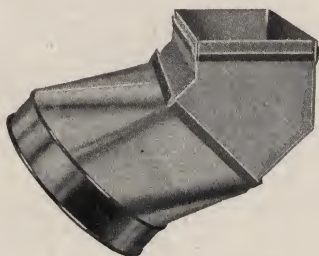
Cut 20 Head



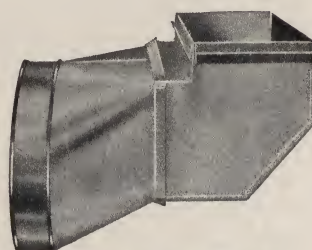
Cut 30 Head



Cut 5 Boot



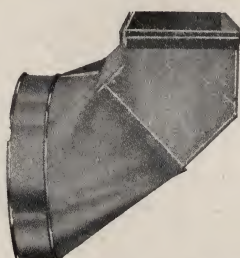
Cut 5 Boot with Angle



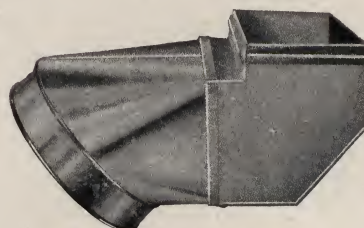
Cut 5 Boot with Elbow



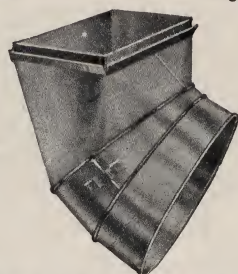
Cut 7 Boot



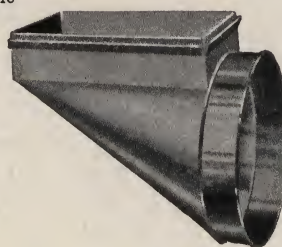
Cut 7 Boot with Angle



Cut 7 Boot with Elbow



Cut 57 Boot with Reversible Collar



Cut 18 Boot

Above Illustrated First Floor Register Heads Fit National, Capitol, Mission and Liberty Baseboard Registers.

The Single Boots above illustrated fit the above-mentioned Baseboard Registers and also JONES-NATIONAL Registers.

Special attention is called to the possible various uses of the Cuts 5 and 7 Boots when used with either angle or elbow. List Prices, Page 75.



LIST PRICES OF SINGLE FITTINGS FOR FIRST FLOOR BASEBOARD REGISTERS
One-Way Box or Head

Size of Register	Jones-National	National	Capitol	Mission	Liberty	Size of Boot Collar in inches	Cut 20 Head	5 and 7 Boots	Nos. 18 and 57 Boots	Single Elbow	Single Angle
8 x 10	853½	53½	253½	453½	353½	8	\$.70	\$.80	\$.90	\$.75	\$.45
8 x 12	.....	52½	252½	452½	352½	9	.80	.90	1.00	.85	.50
9 x 12	854½	54½	254½	454½	354½	9	.80	.90	1.00	.85	.50
10 x 12	855	55	255	455	355	10	.85	.95	1.10	.95	.55
10 x 12	855¼	55¼	255¼	455¼	355¼	10	.90	1.00	1.25	1.00	.60
11 x 13	856	56	256	456	356	12	.90	1.00	1.25	1.00	.60
12 x 14	857	57	257	457	357	14	1.10	1.20	1.40	1.25	.75
11 x 13	8556	556	2556	4556	3556	14	1.00	1.10	1.30	1.25	.70
12 x 14	8557	557	.....	.....	.....	.....	1.20	1.30	1.50	1.35	.80

LIST PRICES OF SINGLE FITTINGS FOR FIRST FLOOR BASEBOARD REGISTERS
Two-Way Box or Head

Size of Register	Jones-National	National	Capitol	Mission	Liberty	Size of Boot Collar in inches	Cut 30 Head	5 and 7 Boots	Nos. 18 and 57 Boots	Single Elbow	Single Angle
2- 8 x 10	.....	2-53½	2-253½	2-453½	2-353½	9	\$.90	\$ 1.00	\$ 1.10	\$ 1.00	.60
2- 8 x 12	.....	2-52½	2-252½	2-452½	2-352½	10	1.00	1.10	1.20	1.10	.65
2- 9 x 12	2-854½	2-54½	2-254½	2-454½	2-354½	10	1.00	1.10	1.20	1.10	.65
2-10 x 12	2-855	2-55	2-255	2-455	2-355	12	1.05	1.15	1.30	1.15	.70
2-10 x 12	2-855¼	2-55¼	2-255¼	2-455¼	2-355¼	14	1.10	1.20	1.40	1.30	.75
2-11 x 13	2-856	2-56	2-256	2-456	2-356	14	1.10	1.20	1.40	1.30	.75
2-12 x 14	2-857	2-57	.....	.....	.....	.....	1.30	1.50	1.70	1.50	.90
2-11 x 13	2-8556	2-556	2-2556	2-4556	2-3556	14 or 16	1.40	1.50	1.75	1.50	.90
2-12 x 14	2-8557	2-557	.....	.....	.....	.....	1.60	1.70	1.90	1.60	1.00

Order Single-Tin Fittings from the above Lists by the Catalog Numbers of the Baseboard Registers they are to fit, giving also style or Cut Number.

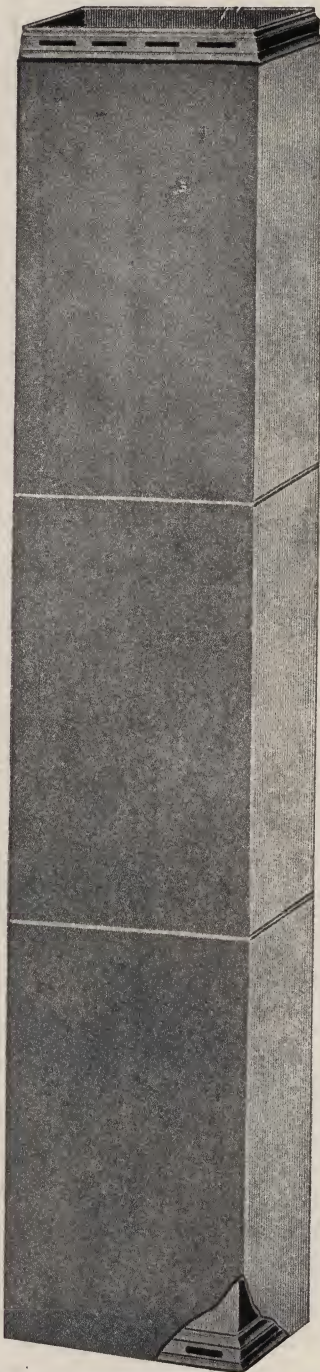
Add 50c to List to double-head or two-way boxes for extra-wide partitions.

Always specify size of Round Collar in Boots.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

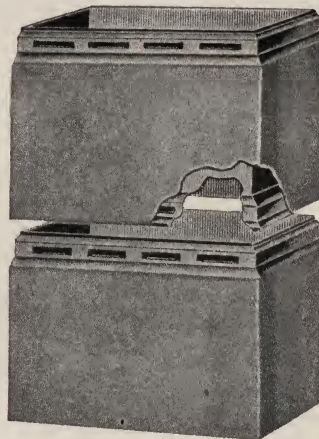
DOUBLE WALL PIPE AND FITTINGS



51-inch length of double pipe. All pipe is measured exclusive of lap



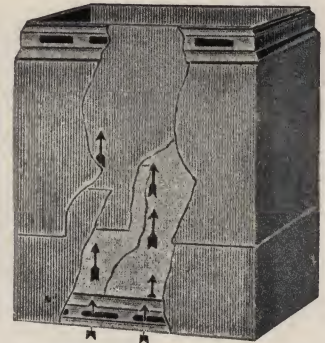
20-inch length of double pipe. We also make the following lengths: 12-inch, 10-inch, 8-inch, 6½-inch, 5-inch, 4-inch and 2-inch



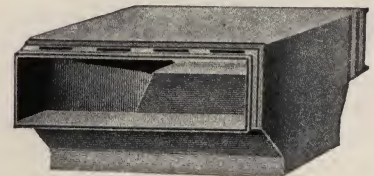
Two short lengths of double pipe, showing method of connection



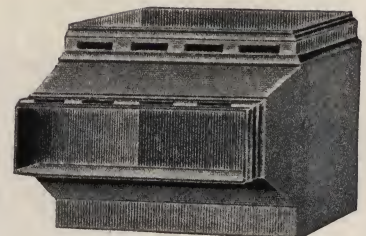
2-inch length of double pipe. Any quantity of short pieces will be furnished



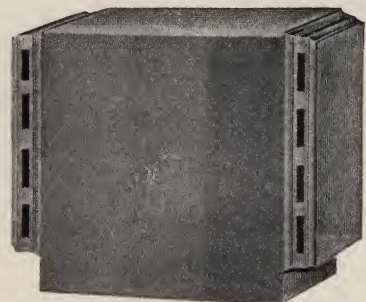
The double, adjustable joint can be adjusted from 6½ to 12-inch. By cutting off, any length under 6½-inch can be obtained. One of these should be used with every stack



Cut 17 Tee



Cut 19 Tee

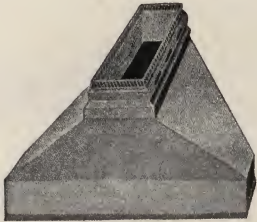


Cut 13 Side Tee

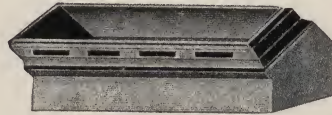
Order Double Wall Pipe by Catalog Number and by lengths of pieces required.
Always specify double fittings by Catalog Size and Style Number.
List Prices, Page 79.



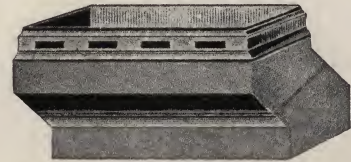
DOUBLE WALL PIPE AND FITTINGS



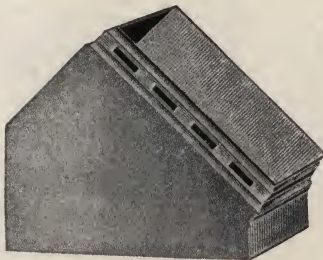
No. 37 Reverse Joint



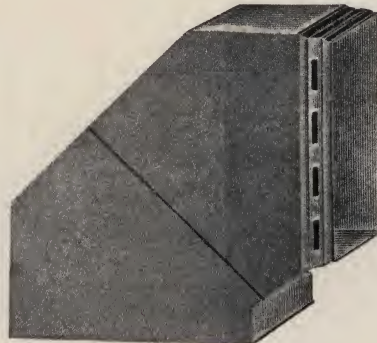
Cut 1 Angle



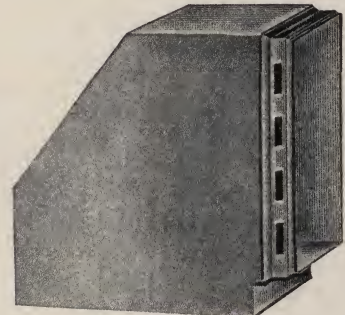
Cut 2 Offset



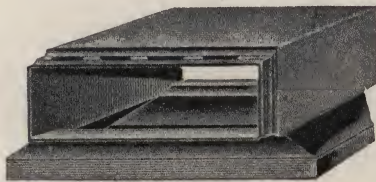
Cut 4 Angle



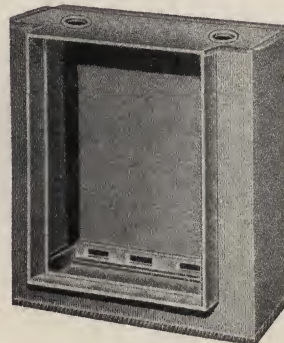
Cut 8 Square Elbow



Cut 7 Elbow

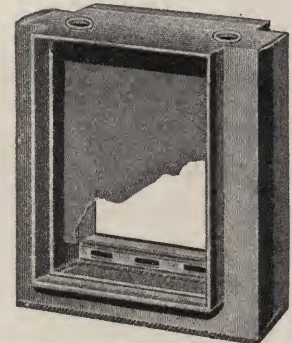


Cut 11 Reducing Tee



Cut 20 Stack Head

Made to fit any floor or convex register

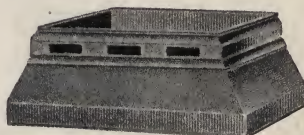


Cut 30 Stack Head

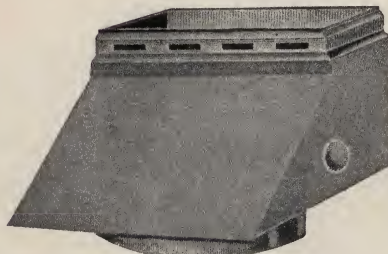
This head is made for two registers for heating two adjoining rooms



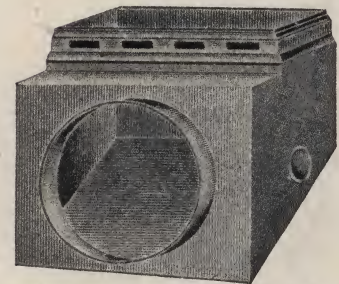
No. 5 Square Elbow



Cut 18 Reducer



Cut 38 Boot



Cut 41 Boot

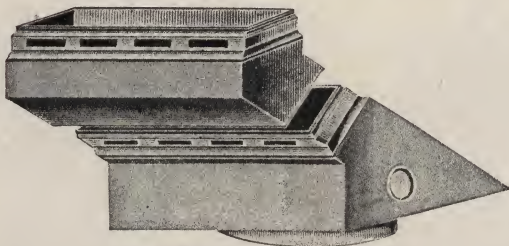
Order by Catalog Number and Style or Cut Number.

Second-Floor Double-Tin Register heads for National, Capitol, Mission and Liberty Baseboard take same Lists as Cut 2 for One-Way or Cut 3 for Two-Way. List Prices, Page 79.

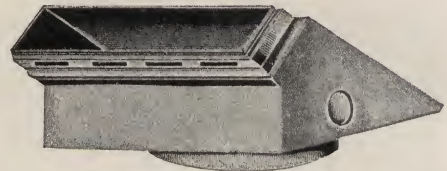


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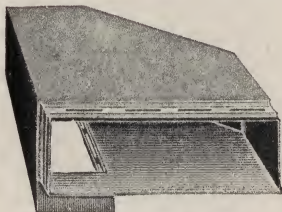
DOUBLE WALL PIPE AND FITTINGS



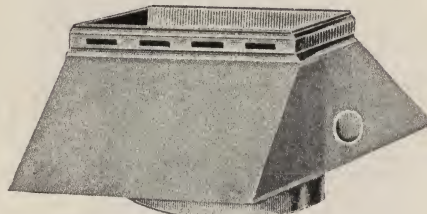
Cut 1 Angle and Cut 42 Boot



Cut 42 Boot



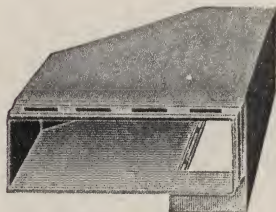
Cut 32 Reverse Elbow



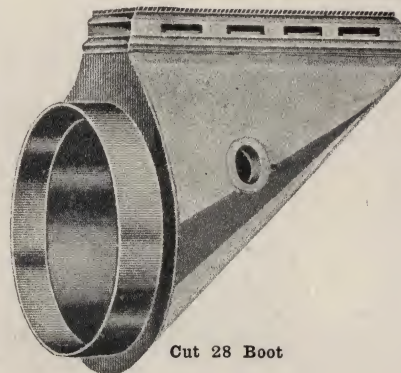
Cut 43 Boot



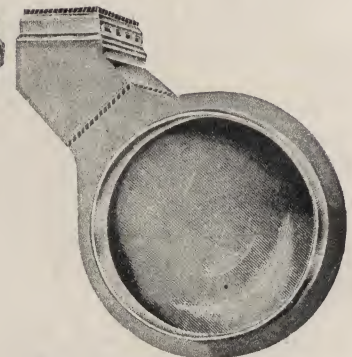
Cut 75 Boot



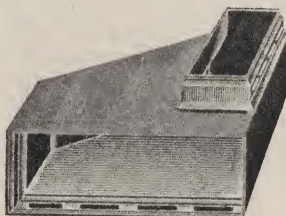
Cut 31 Reverse Elbow



Cut 28 Boot



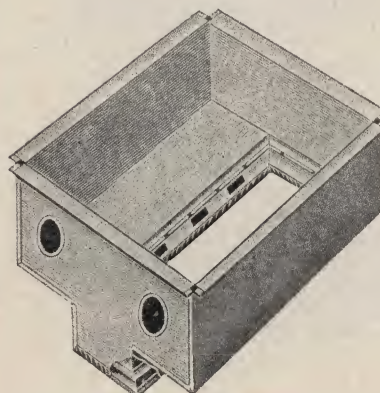
Cut 1 Angle and Cut 28 Boot



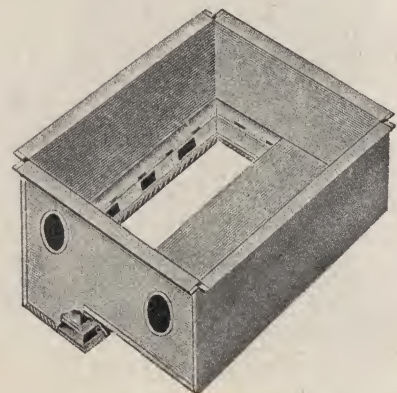
Cut 33 Reverse Elbow



Cut 34 Reverse Elbow



No. 21 Stack Head



No. 22 Stack Head

Always specify double fittings by Catalog and Style Numbers. List Prices, Page 79.



LIST PRICES OF DOUBLE WALL PIPE AND FITTINGS

Number of Pipe	Size of Pipe	Size of Register	Stack Heads Cuts 20, 30 21 and 22 and Elbow Cut 7	All Roots and Tees Cut 13 and 15	Cut 18 Reducer and Cut 5 Elbow	Tees Cuts 17 and 19	Angle Cut 1	Angle Cut 4	Reverse Elbows Cuts 31, 32, 33, 34, 35, 36 and 37 Tee Cut 11	Adjust- able Joints
5	Inside 2 $\frac{5}{8}$ x10 Outside 3 $\frac{1}{4}$ x10 $\frac{5}{8}$	8x10 Single 8x12 " " 9x12 " " 8x10 Double 8x12 " "	\$ 1.85	\$ 2.10	\$ 1.40	\$ 1.50	\$.80	\$ 1.00	\$ 3.00	\$ 1.35
7	Inside 3x10 Outside 3 $\frac{5}{8}$ x10 $\frac{3}{8}$	8x10 Single 8x12 " " 9x12 " " 8x10 Double 8x12 " "	1.85	2.10	1.40	1.50	.80	1.00	3.00	1.35
6	Inside 2 $\frac{5}{8}$ x12 Outside 3 $\frac{1}{4}$ x12 $\frac{5}{8}$	8x12 Single 9x12 " " 8x12 Double 9x12 " "	2.00	2.35	1.50	1.60	.90	1.10	3.25	1.50
8	Inside 3x12 Outside 3 $\frac{5}{8}$ x12 $\frac{3}{8}$	8x12 Single 9x12 " " 10x12 " " 8x12 Double 9x12 " "	2.00	2.35	1.50	1.60	.90	1.10	3.25	1.50
9	Inside 3x13 Outside 3 $\frac{5}{8}$ x13 $\frac{3}{8}$	9x12 Single 10x12 " " 9x12 Double 10x12 " "	2.20	2.70	1.80	1.90	1.10	1.25	4.00	1.75
11	Inside 4 $\frac{3}{8}$ x13 Outside 5x13 $\frac{5}{8}$	10x12 Single 9x12 Double 10x12 " "	3.10	3.50	2.80	2.90	1.60	1.75	4.50	2.50
12	Inside 4 $\frac{3}{8}$ x14 Outside 5x14 $\frac{5}{8}$	10x14 Single 12x15 " " 10x14 Double	3.40	3.90	3.10	3.20	2.00	2.25	5.00	2.80

LIST PRICES OF STANDARD LENGTHS OF DOUBLE WALL PIPE

No.	2"	4"	5"	6½"	8"	10"	12"	20"	51"	58"
5										
7	\$.45	\$.55	\$.60	\$.65	\$.75	\$.85	\$.95	\$ 1.50	\$3.75	\$ 4.25
6										
8	.55	.65	.70	.75	.85	.95	1.10	1.60	4.35	4.85
9	.65	.75	.80	.85	1.00	1.15	1.30	2.00	5.50	5.95
11	.75	.85	.90	.95	1.15	1.25	1.50	2.25	5.75	6.55
12	.80	.90	1.00	1.05	1.25	1.35	1.65	2.50	6.35	7.25

Order by Catalog Number, specifying Size and Quantity of Lengths.

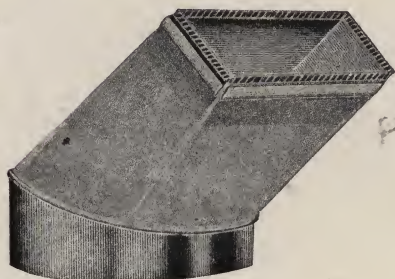
FIFTY-FOOT STACK CASE ASSORTMENT

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
Four 58 inch Lengths.....	\$ 17.00	\$ 19.40	\$ 23.80	\$ 26.20	\$ 29.00
“ 51 “ “	15.00	17.40	22.00	23.00	25.40
“ 20 “ “	6.00	6.40	8.00	9.00	10.00
“ 10 “ “	3.40	3.80	4.60	5.00	5.40
“ 5 “ “	2.40	2.80	3.20	3.60	4.00
“ 4 “ “	2.20	2.60	3.00	3.40	3.60
“ 2 “ “	1.80	2.20	2.60	3.00	3.20
List Total (Apply Correct Discount)	\$ 47.80	\$ 54.60	\$ 67.20	\$ 73.20	\$ 80.60

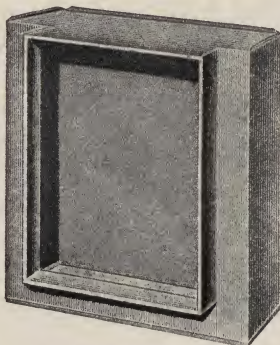


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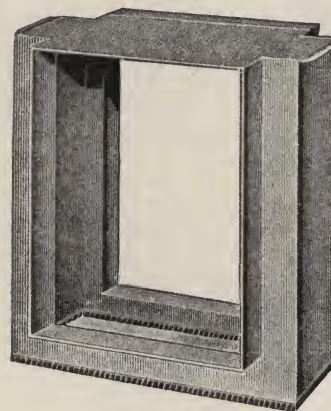
SINGLE WALL PIPE AND FITTINGS



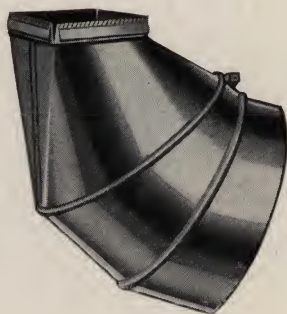
No. 7s Boot



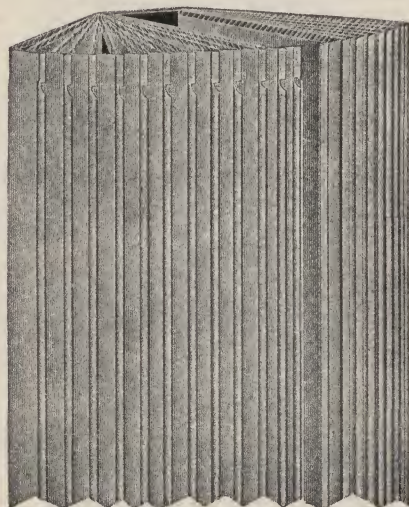
Cut 20 Head



Cut 30 Head



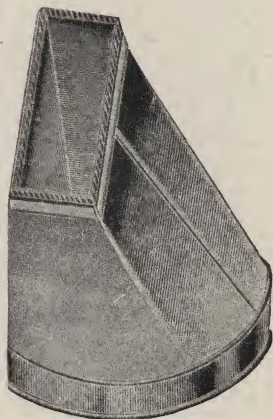
Cut 57 Boot



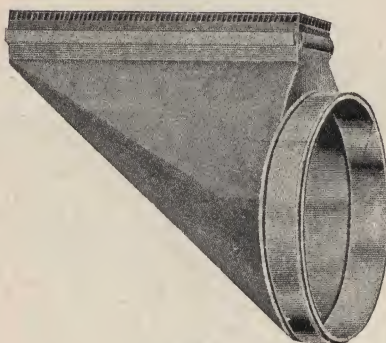
Sections of Nested Single Stack



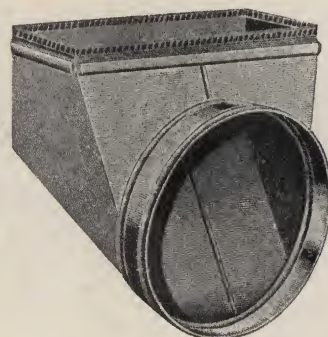
Section of Nested Single Stack



Cut 5 Boot



Cut 17 Boot



Cut 13 Boot

Single Wall Pipe can be furnished in five-foot made-up lengths or, if nested K. D., in two-foot lengths packed in bundles. List Prices, Page 81.



List Prices of Single Wall Pipe and Fittings

"FITTINGS THAT FIT"

LIST PRICES

Size of Pipe	Price per foot in 5 ft. sections not nested	Price per foot in 2 ft. sections nested	Size of Register Heads	Register Heads No. 20S and Ells Nos. 7 and 5S	Tees Nos. 17 and 19	Angles No. 1	Angles No. 4	Register Heads Nos. 30S Boot Nos. 28S and 57	Boots Cut 5, 17, 13 and 7	Size of Collars in Boots
3 x 10	\$.40	\$.38	8x10 Single 8x12 "	\$.70	\$.70	\$.40	\$.50	\$.80	\$.70	8 in.
3½x10	.40	.38	9x12 Single 8x10 Double 8x12 "	.70	.70	.40	.50	.80	.70	9 in.
3 x 12	.44	.42	8x12 Single 9x12 " 8x12 Double 9x12 "	.80	.80	.44	.54	.90	.80	8 in. 9 in.
3½x12	.44	.42	9x12 Single 8x12 Double	.80	.80	.44	.54	.90	.80	9 in.
3 x 13	.46	.44	10x12 Single 8x12 Double	.90	.90	.54	.64	1.00	.90	10 in.
4¾x13	.50	.48	10x14 Single 12x15 "	1.00	1.00	.64	.80	1.10	1.00	10 in.
5 x13½	.52	.50	10x14 Double	1.10	1.10	.74	.90	1.20	1.10	12 in.

For I. X. tin or galvanized iron single pipe and fittings, add 50 per cent to above prices. Subject to regular discount. Illustrated on Page 80.

LIST PRICES OF REGISTER BOXES, 6x8 TO 14x20 SIZES

Size in inches	6x8	8x10	8x12	9x12	10x12	10x14	12x14	12x15	14x16	14x18	14x20
I. C. Tin.....	\$.60	\$.60	\$.64	\$.64	\$.72	\$.80	-----	-----	-----	-----	-----
I. X. Tin.....	.76	.76	.80	.80	.90	1.00	\$ 1.20	\$ 1.20	\$ 1.60	\$ 1.80	\$ 2.00
Galvanized Iron.....	-----	-----	-----	-----	1.30	1.40	1.50	1.50	1.80	2.00	2.20

LIST PRICES OF REGISTER BOXES, 16x18 TO 36x36 SIZES

Size in inches	16x18	16x20	16x24	18x20	18x24	20x24	20x26	22x28	24x24	24x30	28x28	28x38	30x30	30x36	36x36
I. X. Tin.....	\$2.20	\$2.50	\$3.00	\$3.40	\$3.60	\$4.00	-----	-----	-----	-----	-----	-----	-----	-----	-----
Galvanized Iron.....	2.50	2.60	3.00	3.40	3.60	4.00	\$4.50	\$5.00	\$6.00	\$6.50	\$6.50	\$8.00	\$7.00	\$8.00	\$10.00

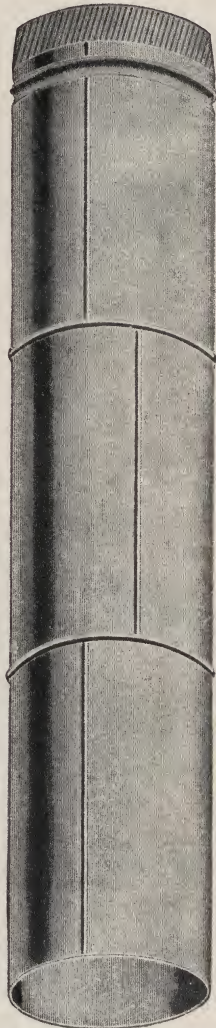
For Double Register Boxes, add 50 per cent to above prices

Illustrated on Page 83.

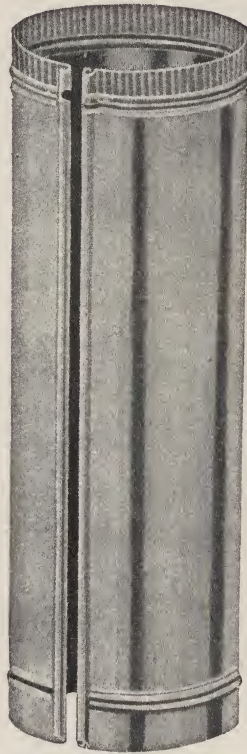


UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

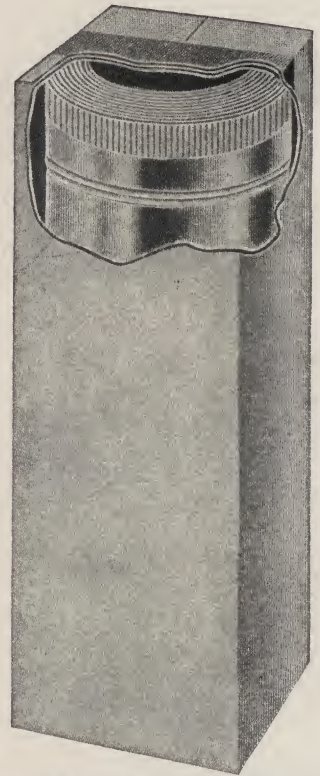
ROUND BASEMENT PIPE AND FITTINGS



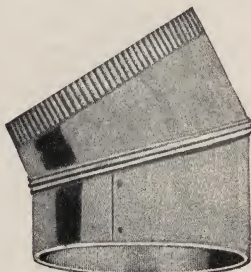
Tin Pipe, 60 Inches Long



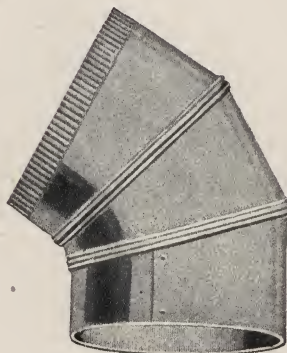
Section of Nested Pipe



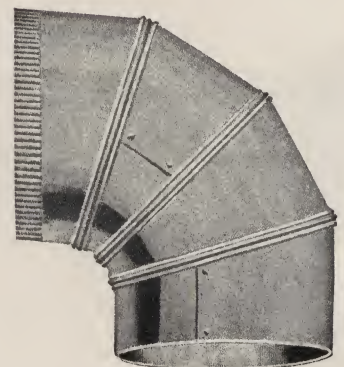
50 Feet of Nested Round Pipe



2-Piece Adjustable Angle



3-Piece Adjustable Angle



4-Piece Adjustable Elbow

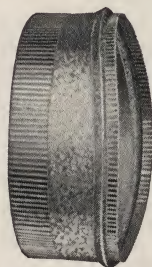
Round Pipe can be furnished in five-foot made-up lengths, or, if nested K. D., in two-foot lengths, packed in bundles or drums. List Prices, Page 85.



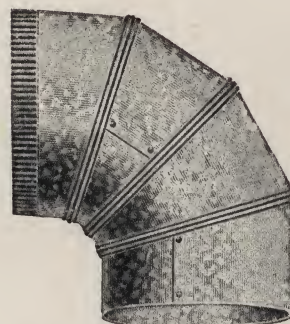
ROUND BASEMENT PIPE AND FITTINGS



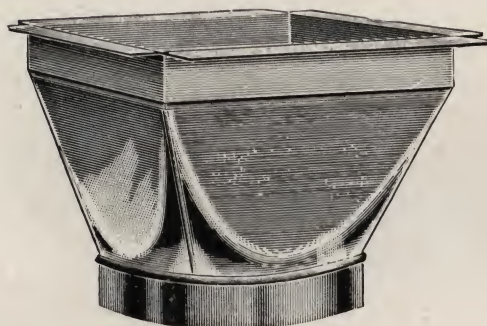
Casing Collar for
Top of Bonnet



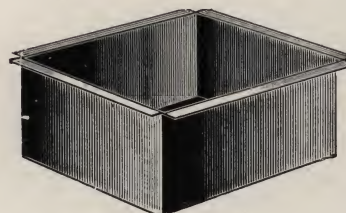
Casing Collar for
Side of Bonnet



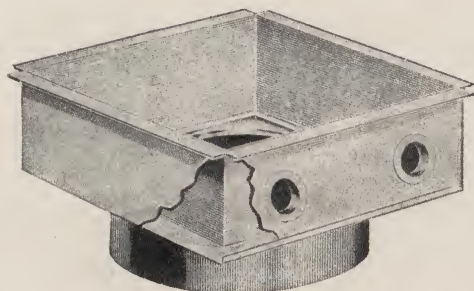
No. 24 Gauge Galvanized Iron
Smoke Elbow



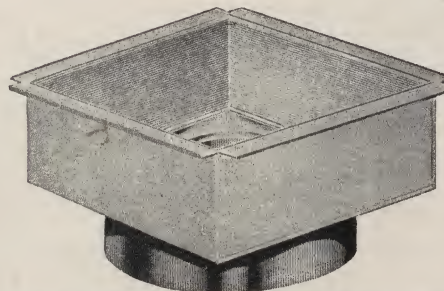
Cut 50 Register Box



Cut 32 Register Box



Double Register Box

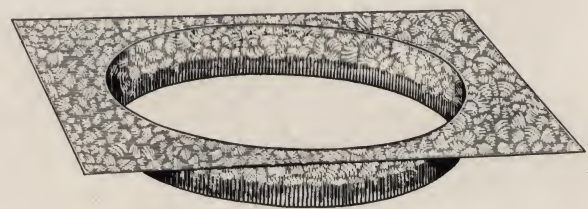
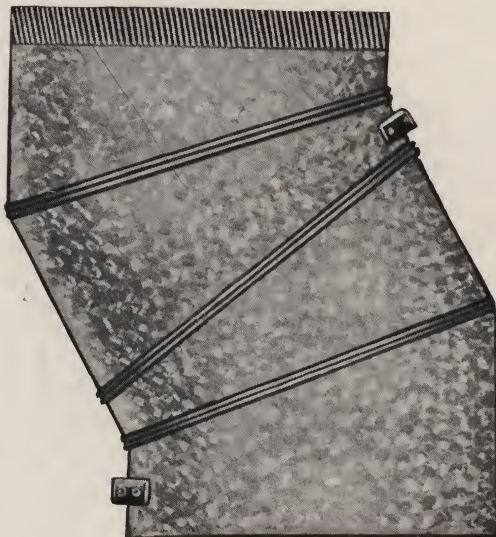
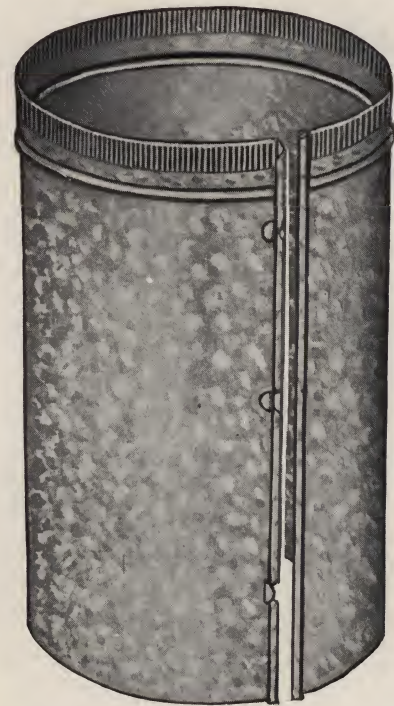


Cut 40 Register Box, 4 Inches Deep with Collar,
3 Inches Long



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

GALVANIZED ADJUSTABLE ELBOWS, NESTED PIPE FOR COLD AIR, AND HEADS WITH COLLARS TO FIT COLD-AIR PIPE



Galvanized Cold-Air Head with Collar to Fit Cold-Air Pipe, 16 Inches and Larger

Listed sizes are made 30 inches long and 2 inches wider than the diameter of the round collar.

Made of best grades of sheets and of gauges adequate for size of pipe it is used on.

List prices of galvanized adjustable elbows and nested pipe for cold air and heads with collars, to fit cold-air pipes, are given on page 85.



LIST PRICES OF ROUND PIPE AND FITTINGS

Diameter in Inches	7	8	9	10	12	14	16	18	20	22	24	26	28	30	32	34	36
TIN FITTINGS																	
I. C. Tin																	
Warm-Air Pipe, made up, per ft.	.30	.35	.37	.41	.47												
Warm-Air Pipe, nested, per ft.	.28	.30	.32	.36	.41												
I. X. Tin																	
Warm-Air Pipe, made up, per ft.		.38	.40	.43	.50	.65	.74	.92									
Warm-Air Pipe, nested, per ft.		.36	.37	.41	.48	.63	.72	.90									
Warm Air Dampers	.38	.40	.45	.50	.60	.85	1.10	1.30	1.50								
Sets of Elbows, Ang., Col., Damp.	1.40	1.51	1.68	1.91	2.70	4.10	5.60										
Adjustable Elbows and Angles																	
I. C. Tin, 2-piece, 30°	.23	.25	.27	.31													
I. C. Tin, 2-piece, 45°	.27	.29	.31	.35													
I. C. Tin, 3-piece, 60°	.36	.40	.44	.52													
I. C. Tin, 4-piece, 90°	.42	.46	.50	.60													
I. X. Tin, 2-piece, 30°	.31	.33	.35	.39	.50	1.00	1.50										
I. X. Tin, 2-piece, 45°		.43	.45	.51	.68	1.00	1.30	1.60	2.00								
I. X. Tin, 3-piece, 60°	.46	.50	.54	.64	.84	1.20	1.60	2.00	2.50								
I. X. Tin, 4-piece, 90°	.52	.58	.64	.76	1.00	1.50	2.00	2.50	3.10								
Y Joints																	
I. C. Tin (price of large end)	.63	.69	.75	.90													
I. X. Tin (price of large end)	.78	.87	.96	1.14	1.50	2.25	3.00	3.75	4.65								
GALVANIZED IRON FITTINGS																	
Casing Collars, for Top Hood	.20	.24	.28	.30	.36	.46	.60	.76	.90	1.20	1.40	1.60	1.80	2.00	2.50	2.80	3.20
Casing Collars, for Side Hood	.40	.40	.46	.50	.60	.74	1.00	1.26	1.80	2.00	2.20	2.40	3.00	3.40	4.00	4.50	5.00
No. 26 Galv. Iron Pipe, per ft.	.36	.38	.40	.44	.58	.63	.72	.90	1.08	1.35	1.62	1.89	2.16	2.43	2.70	2.97	3.24
Gal. Iron Angle, 2-piece, 30°	.48	.48	.56	.64	.80	.90	1.00	1.50	1.80	2.00	2.30	2.60	3.00	3.50	4.50	5.00	5.50
Gal. Smoke Angle, 2-piece, 45°	.47	.54	.63	.77	.90	1.15	1.50	1.85	2.35	2.60	3.00	3.40	3.95	4.55			
Galv. Iron Angle, 3-piece, 60°	.50	.60	.70	.90	1.20	1.40	1.80	2.20	2.90	3.20	3.70	4.20	4.90	5.60	6.70	7.50	8.30
Galv. Iron Elbow, 4-piece, 90°	.60	.70	.80	1.00	1.40	1.80	2.40	3.00	3.60	4.40	5.20	6.00	7.00	8.00	9.00	10.00	11.00
T Joint, No. 26 Gauge Galv. Iron	.90	1.05	1.20	1.50	2.10	2.70											
Y Joint, No. 26 Gauge Galv. Iron					2.70	3.60	4.50	5.40	6.60	7.80	9.00	10.50	12.00				
No. 24 Galv. Smoke Pipe, per ft.	.45	.49	.53	.58	.76	.80	.86	1.08	1.30								
Galv. Smoke Angle, 2-piece, 30°	.44	.54	.62	.84	.96	1.08											
Galv. Smoke Angle, 2-piece, 45°	.60	.70	.80	1.00	1.40												
Galv. Smoke Angle, 3-piece, 60°	.64	.70	.90	1.20	1.50	1.68											
Galv. Smoke Elbow, 4-piece, 90°	.80	.90	1.10	1.30	1.70	2.16	2.82	3.60	4.30								
T Joint, No. 24 Gauge, Galv. Iron	1.20	1.35	1.65	1.95	2.55	3.24											
Draw Bands, 4, 6 or 8 ins. wide	.40	.45	.50	.55	.60	.65	.70	.80	.90	1.00	1.10	1.20	1.30	1.40			
Cold-Air Heads with Collars					1.00	1.66	1.80	1.96	2.26	2.56	2.86	3.16	3.46	3.76			
BLACK IRON FITTINGS																	
No. 24 Black Iron Pipe, per ft.	.36	.38	.40	.44	.58												
Black Iron Angle, 2-piece, 30°	.44	.48	.56	.64	.80												
Black Iron Angle, 2-piece, 45°	.47	.54	.63	.77	.90												
Black Iron Angle, 3-piece, 60°	.50	.60	.70	.90	1.20												
Black Iron Elbow, 4-piece, 90°	.60	.70	.80	1.00	1.40												
T. Joint, Black Iron	1.08	1.32	1.50	1.75	2.30												
Safety Thimbles, Wall	1.20	1.50	1.75														
Safety Thimbles, Floor	1.30	1.60	2.00														
Cast Smoke Dampers	.40	.65	1.00	1.35	1.60												

All four-piece elbows of tin, black and galvanized iron are adjustable.

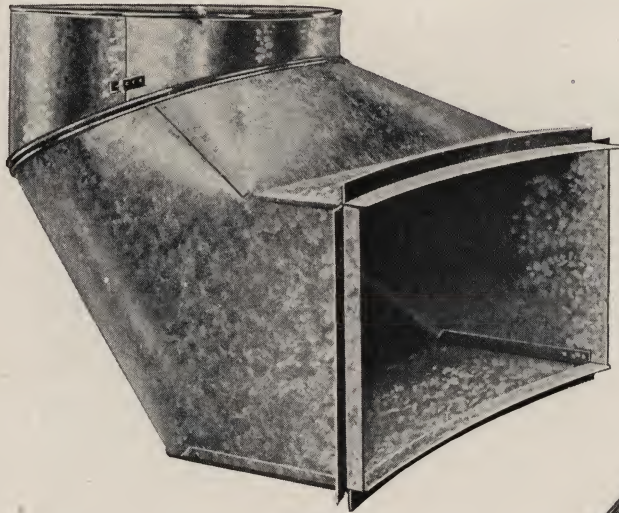
Tin pipe and fittings in sizes 12" or larger are carried in stock in I. X. tin. Sizes smaller than 12" in diameter are carried in stock in I. C. tin. All round basement pipe shipped nested unless otherwise ordered.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

GALVANIZED COLD-AIR SHOES

MADE OF HEAVY GAUGE



Cut 108
No. 1 Position

Cut 108 in No. 1 Position Saves a 4-Piece Elbow.

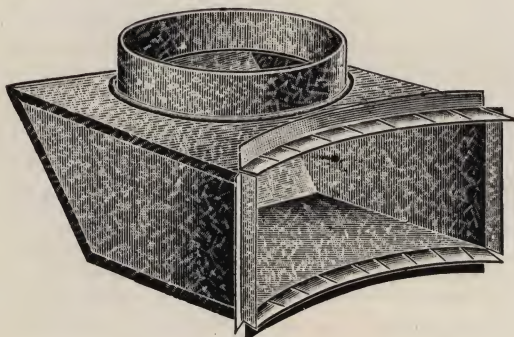
The Collar is adjustable. See Lugs, which, when tightened, hold Collar Rigidly in Place.



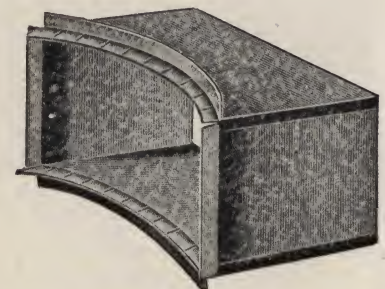
Cut 108
No. 2 Position

Cut 108 in No. 2 Position Saves a 2-Piece Angle. The collar is adjustable. See Lugs, which, when tightened, hold Collar Rigidly in Place.

The CUT 108 COLD-AIR SHOE answers every purpose and makes other styles unnecessary.



Cut 100



Cut 104

For List Prices Galvanized Cold-Air Shoes, see page 87.



GALVANIZED COLD-AIR SHOES

LIST PRICES OF GALVANIZED COLD-AIR SHOES

Size of Shoe in inches	Size of Collar in inches	Shoe Cut 100	Shoe Cut 104	Shoe Cut 108
12 x 18	14	\$ 4.40	\$ 2.40	\$ 4.40
12 x 22	16	4.80	2.80	4.80
12 x 24	18	5.60	3.30	5.60
14 x 26	20	6.40	3.60	6.40
14 x 30	22	6.50	4.20	6.50
14 x 36	24	6.70	5.00	6.70
14 x 44	26	8.00	6.00	8.00
14 x 50	28	8.50	6.50	8.50
15 x 56	30	10.00	7.00	10.00

Cold-air shoes are fitted to any size furnace if the diameter of casing is given.

WHEN ORDERING BE SURE TO GIVE CUT NUMBER, DIAMETER OF CASING AND SIZE OF COLLAR WANTED

Boots and Angles for National One-Pipe Registers

MADE OF GALVANIZED IRON



LIST PRICES

Catalog Number	Size of Collar	No. 5 Boot	No. 6 Angle
217 SINGLE HEAD	14 in. or 16 in.	\$ 2.90	\$ 1.80
227 "	18 in. or 20 in.	4.40	2.60
233 "	22 in. or 24 in.	5.50	3.30
434 DOUBLE HEAD	16 in. or 18 in.	3.40	2.10
454 "	20 in. or 22 in.	4.60	2.70
466 "	24 in. or 26 in.	6.60	4.00

Fittings listed above for NATIONAL ONE-PIPE REGISTERS are made of heavy gauge galvanized sheets. Be sure to use catalog numbers when ordering, and to specify size of round collar wanted.

To ascertain list on 90° elbows for the above, add 50 per cent to list of Cut 6 angles. Discount same as fittings.

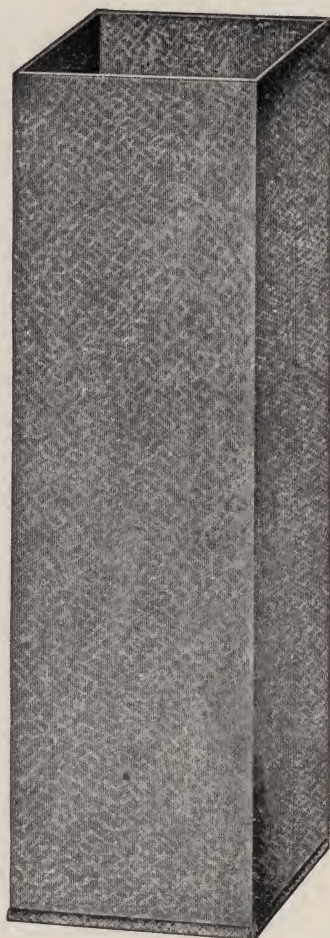


UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

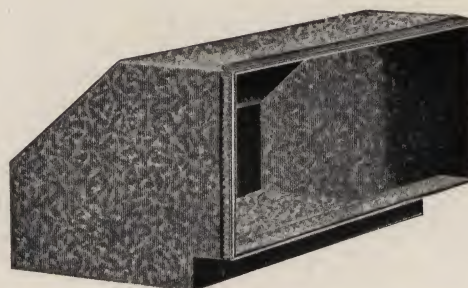
Square Galvanized Iron Pipe and Elbows

This pipe is not carried in stock, but will be made to order. These prices are subject to the same discount as other single goods made of galvanized iron.

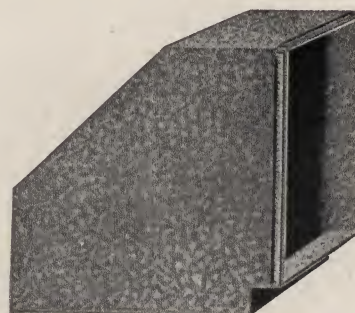
When ordering, correct styles and dimensions must be given.



Square
Galvanized Iron
Cold-Air Pipe



Square Galvanized Iron Elbow, Style A



Square Galvanized Iron Elbow, Style B

LIST PRICES OF SQUARE GALVANIZED IRON PIPE AND ELBOWS

Square-Inch Capacity of Sq. Pipe	Relative Size of Round Pipe in inches	Price per Ft. Knocked Down	Price per Ft. Made Up	Price Style A Elbow	Price Style B Elbow	Price Each Cap for Closed End	Price Collar for Closed End
154	14	\$.96	\$ 1.20	\$ 2.40	\$ 3.30	\$.84	\$.58
201	16	1.20	1.50	3.00	3.60	.96	.76
255	18	1.28	1.60	3.20	4.40	1.08	.96
314	20	1.36	1.70	3.40	5.00	1.20	1.12
380	22	1.52	1.90	3.80	5.60	1.32	1.50
453	24	1.76	2.20	4.40	6.20	1.44	1.76
531	26	1.92	2.40	4.80	8.20	1.56	2.00
616	28	2.08	2.60	5.20	8.40	1.68	2.26
707	30	2.24	2.80	5.60	8.60	1.80	2.50

To ascertain proper list to use, select List applying to size of Round Pipe equal to or next even size of desired Square Pipe Area.

The Above Prices are Subject to Galvanized Fitting discount.

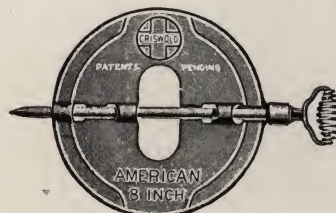


WARM-AIR AND CAST FURNACE SMOKE PIPE DAMPERS



Steel Warm-Air Damper

Net prices on WARM-AIR DAMPERS shown on discount sheet. Special prices quoted for quantity orders.

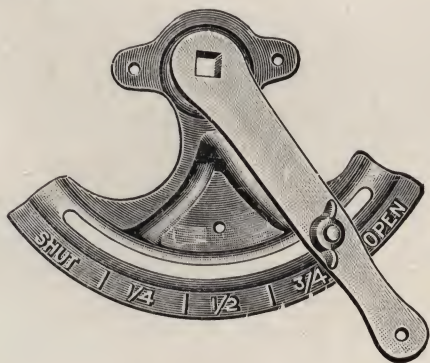


Cast Smoke-Pipe Damper

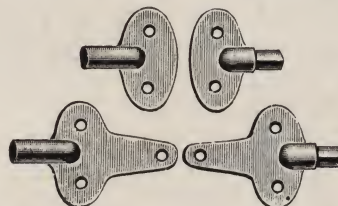
Net prices on CAST SMOKE-PIPE DAMPERS shown on discount sheet. Special prices quoted for quantity orders.

DAMPER QUADRANTS

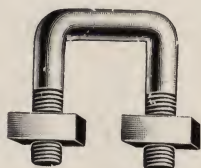
The QUADRANT is made in the following sizes for square rod: $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ ". Prices on application.



DAMPER BEARINGS

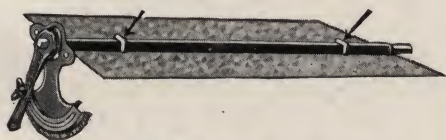


Used instead of rods on small dampers. They're made of malleable iron, to fit $\frac{3}{8}$ " and $\frac{1}{2}$ " Damper Quadrants.

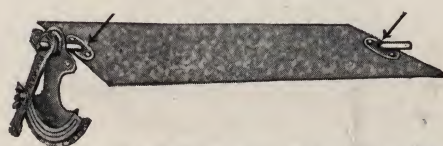


PARKER ROD CLIPS

Made for the following sizes of square rod: $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ ".



Showing a rod attached to a damper by two PARKER ROD CLIPS in conjunction with a Parker Damper Quadrant.



Showing a set of PARKER DAMPER BEARINGS attached to a damper in conjunction with a Parker Damper Quadrant.



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN



U. S. DRY PASTE

"IT GOES FARTHER"

U. S. DRY PASTE in condensed powder form is unsurpassed for sticking asbestos covering, cloth and paper on all kinds of hard, smooth, heated surfaces. No cooking or steaming necessary. Prepared for use by stirring powder into cold or warm water. Can be mixed thick or thin, in any quantity, as purpose requires. Has extensive covering capacity, one pound of the powder making over a gallon of paste ready for use. Is convenient and sanitary. It keeps forever in powder form.

Sold in 200-lb. barrels, 100-lb. half-barrels, 35-lb. pails, 18-lb. pails, 5-lb. cartons and 2½-lb. cartons.

The best way to order is by the pail or one-hundred-pound barrel. Order from our branch office nearest to you.

Prices of U. S. Dry Paste on Application

U. S. FURNACE CEMENT

1-lb. can, per can.....	Price on application
2-lb. can, per can.....	Price on application
5-lb. can, per can.....	Price on application
10-lb. can, per can.....	Price on application



ASBESTOS PAPER

50-lb. and 100-lb. rolls at current market prices



AREAS OF ROUND PIPES

Size of Pipe	Area in Square Inches	No. of Cubic Feet of Air Discharged per Minute at a Velocity of 100 Feet per Minute	No. of Cubic Feet of Air Discharged per Minute at a Velocity of 150 Feet per Minute
5 inch	19.6 square inches	14 cubic feet	21 cubic feet
7 "	38.4 " "	27 " "	40½ " "
8 "	50.2 " "	35 " "	52½ " "
9 "	63.6 " "	44 " "	66 " "
10 "	78.5 " "	55 " "	82½ " "
12 "	113 " "	79 " "	118½ " "
14 "	153.9 " "	107 " "	160½ " "
16 "	201 " "	140 " "	210 " "
18 "	254.4 " "	177 " "	265½ " "
20 "	314 " "	218 " "	327 " "
22 "	380 " "	264 " "	396 " "
24 "	452 " "	314 " "	471 " "
26 "	531 " "	369 " "	553½ " "
28 "	616 " "	428 " "	642 " "
30 "	707 " "	491 " "	736½ " "
36 "	1017 " "	707 " "	1060½ " "
40 "	1256 " "	873 " "	1309½ " "

Rule for Determining Size of Warm-Air Pipes Necessary to Heat a Given Room

In estimating the amount of warm air necessary for heating a given room, a plan which has been followed successfully during many years of experience in the furnace business is to reduce the exposed wall surface to glass surface by dividing it by the thickness of the wall—in no case less than 10 inches—and this result added to the actual glass surface, which, when multiplied by 75 and added to the cubic contents of the room and multiplied by .013, gives the area of the warm-air pipes, in square inches, necessary for heating the room to 70°F. when the outside temperature is at zero. One per cent should be added for each degree below zero. This rule applies to warm-air pipes for heating rooms on the first floor, where the velocity of the air in the basement pipes is 100 feet per minute, when the pipe has an elevation of 1 inch in 12; but inasmuch as the velocity increases when the elevation of the pipe is increased, and as the velocity of the air in the wall pipes leading to the second floor is 300 feet per minute, they can be much smaller; and, in this case, the wall pipe which conveys the warm air to the second-floor rooms has an area of forty per cent of the necessary area for heating rooms of the same size and exposure on the first floor.

Chimney Flues

After the proper size warm air heater has been determined, the proper size of chimney flue may be determined by referring to Table V, which follows.

TABLE V

Diameter of Round Chimney Flue in inches	Size of Square Chimney Flue in inches	Size of Rectangular Chimney Flue in inches	Height of Chimney Flue Above Grate in feet
8	7½ x 7½	6 x 10	30
9	8½ x 8½	8 x 10	32
10	9½ x 9½	8 x 12	34
11	10½ x 10½	10 x 12	36
12	11½ x 11½	10 x 14	38
13	12½ x 12½	12 x 14	40
14	13½ x 13½	12 x 16	40
15	14½ x 14½	14 x 16	40
16	15½ x 15½	14 x 18	40
17	16½ x 16½	14 x 20	40
18	17½ x 17½	16 x 20	40
19	18½ x 18½	16 x 22	40
20	19½ x 19½	18 x 22	40



UNITED STATES REGISTER COMPANY, BATTLE CREEK, MICHIGAN

CODE WORDS

Quantity in Pieces and Values in Dollars and Cents

PIECES	DOLLARS	CENTS	PIECES	DOLLARS	CENTS	PIECES	DOLLARS	CENTS
1 Abaft	Abase	Abate	68 Alpha	Alpine	Also	135 Ashlar	Ashore	Ashy
2 Abash	Abbey	Abduct	69 Altar	Altho	Alto	136 Aside	Asinine	Ask
3 Abed	Abel	Abeam	70 Alum	Alway	Amain	137 Askance	Askant	Askew
4 Abet	Abhor	Abide	71 Amass	Amaze	Amber	138 Aslant	Asleep	Aslope
5 Abject	Abjure	Ablave	72 Amble	Ambush	Ameer	139 Asp	Aspect	Aspen
6 Able	Ably	Aboard	73 Amen	Amends	Amerce	140 Asperse	Asphalt	Aspic
7 Abode	About	Above	74 Amice	Amid	Amidst	141 Aspire	Assail	Assault
8 Abrade	Abridge	Abroad	75 Amity	Amocha	Among	142 Assay	Assent	Assemble
9 Abrupt	Absent	Absorb	76 Amos	Amount	Amuck	143 Assert	Assess	Asset
10 Abuse	Abut	Abyss	77 Amour	Ampere	Amplify	145 Assign	Assist	Assignee
11 Acacia	Accede	Accent	78 Amply	Amulet	Amuse	146 Assignor	Assize	Assort
12 Accept	Access	Accost	79 Anew	Angel	Anger	147 Assuage	Assume	Assot
13 Accord	Accrue	Accuse	80 Angina	Angler	Angora	148 Assure	Aster	Asterisk
14 Acetic	Acnene	Ache	81 Angry	Anguish	Angular	149 Astern	Asthma	Astir
15 Achieve	Acid	Aching	82 Anile	Analine	Animal	150 Astonish	Astound	Astral
16 Acme	Acornite	Acorn	83 Animate	Anion	Anion	155 Astray	Astride	Astute
17 Acquaint	Acquire	Acquit	84 Anise	Ankle	Anklet	160 Asunder	Asylum	Atheism
18 Acre	Acrid	Across	85 Annals	Anneal	Annex	165 Atheist	Ate	Athens
19 Act	Acting	Action	86 Announce	Annoy	Annals	170 Athirst	Athlete	Athwart
20 Action	Active	Actor	87 Annual	Anode	Anodyne	175 Atlanta	Atlas	Atil
21 Actress	Actual	Actuate	88 Anoint	Anon	Answer	180 Atoll	Atom	Atomic
22 Acute	Adage	Adagio	89 Ant	Anther	Anthrax	185 Atomize	Atomy	Atone
23 Adam	Adapt	Aday	90 Antic	Anvil	Any	190 Atrophy	Attach	Attack
24 Addend	Adder	Addict	91 Aorta	Apace	Apache	195 Attain	Attar	Attend
25 Addle	Adduce	Adept	92 Apanage	Apart	Apathy	200 Attest	Attic	Attire
26 Adhere	Adieu	Adjoin	93 Ape	Apex	Apeak	225 Attract	Attune	Autburn
27 Adjudge	Adjust	Adjure	94 Aphid	Apiary	Aphis	250 Audit	Auction	Auditor
28 Admire	Admit	Adobe	95 Apiece	Apish	Apogee	275 Augean	Augend	Auger
29 Adopt	Ado	Adorn	96 Apollo	Apology	Aport	300 Aught	Augment	August
30 Adrift	Adown	Adore	97 Apostasy	Apostate	Apostle	325 Ank	Auld	Aunt
31 Adroit	Adult	Advent	98 Apparel	Appall	Appare	350 Aura	Auricle	Aurist
32 Adverb	Adverse	Advert	99 Appeal	Appear	Appease	375 Auspice	Aurora	Austere
33 Advice	Advise	Adze	100 Append	Apple	Applause	400 Author	Auto	Autocrat
34 Aegis	Aerie	Aery	101 Applaud	Apply	Applied	425 Autumn	Avail	Avarice
35 Afar	Affair	Affect	102 Appliance	Appoint	Appointee	450 Avast	Avaunt	Avenge
36 Affiant	Affirm	Affix	103 Apprise	Approve	Approach	475 Avenue	Aver	Average
37 Afflict	Afford	Affray	104 Apricot	April	Apron	500 Avernus	Averse	Aversion
38 Affright	Affront	Afghan	105 Apropos	Apt	Aptly	525 Avert	Aviary	Aviator
39 Afield	Afine	Afoot	106 Aptness	Aqua	Aquatic	550 Avidity	Avoid	Avouch
40 Afloat	Afore	Afoul	107 Aquiline	Arab	Arabesque	575 Avow	Avowal	Await
41 Afraid	Afresh	Africa	108 Arabian	Arabic	Arachne	600 Awake	Award	Aware
42 Aft	After	Again	109 Arbiter	Arbor	Arblast	625 Awash	Away	Awe
43 Agape	Agate	Agave	110 Arbutus	Arc	Arcade	650 Awearry	Awesome	Awful
44 Age	Aged	Agent	111 Arcadia	Arch	Arcanum	675 Awhile	Awkward	Awl
45 Agile	Agley	Ago	112 Archalic	Archer	Archives	700 Awn	Awning	Awoke
46 Agog	Agoin	Agone	113 Archly	Arctic	Ardent	725 Awry	Ax	Axial
47 Agony	Agnafter	Agree	114 Ardor	Area	Ardeny	750 Axil	Axiom	Axis
48 Agree	Aha	Ahead	115 Arena	Argent	Argo	775 Axle	Aye	Azalea
49 Ahoy	Aid	Ail	116 Argon	Argue	Argosy	800 Aztec	Azure	Aaron
50 Aim	Air	Airless	117 Argus	Aria	Aright	825 Babel	Babbitt	Baboon
51 Airhole	Airily	Airing	118 Arise	Ark	Arm	850 Back	Backer	Backing
52 Airless	Airline	Airman	119 Armada	Army	Armful	875 Bad	Badder	Baddest
53 Airship	Airy	Aisle	120 Armhole	Armlet	Armor	900 Bag	Bagger	Bong
54 Ajar	Ajax	Akin	121 Armpit	Arnica	Aroma	925 Bail	Ball	Bill
55 Alack	Alarm	Alas	122 Aromatic	Arose	Around	950 Bell	Belt	Bilge
56 Albeit	Albino	Albion	123 Arouse	Arraign	Arrange	975 Bing	Bang	Bung
57 Alder	Ale	Alee	124 Arrant	Arras	Array	1000 Ballad	Ballast	Balance
58 Alert	Alga	Alias	125 Arrear	Arrest	Arrival	1100 Ballet	Billet	Bullet
59 Alibi	Alien	Alight	126 Arrogant	Arrive	Arrow	1200 Balm	Band	Banjo
60 Align	Alike	Aline	127 Arsenal	Arsenic	Arson	1300 Bank	Banker	Banner
61 Alive	All	Allah	128 Artemus	Art	Arterial	1400 Bar	Bark	Barker
62 Allege	Alley	Allied	129 Artery	Artful	Article	1500 Barb	Barber	Bard
63 Allot	Allow	Alloy	130 Artifice	Artless	Artisan	2000 Barn	Bare	Baron
64 Allude	Allore	Alley	131 Artistic	Artist	Aryan	3000 Barrel	Barter	Barrow
65 Alms	Aloe	Aloft	132 Asbestos	Ascend	Ascribe	4000 Basal	Base	Basin
66 Alone	Along	Alroof	133 Asea	Aseptic	Asgard	5000 Bask	Basket	Batch
67 Aloud	Alp	Alpaca	134 Ashamed	Ash	Ashen			



CODE WORDS

NAMES OF LINES

To prevent mistakes, when ordering Baseboard Registers and Cold-Air Faces, use
Code Words for Catalog Numbers

Jones-National Registers	Padua	U. S. Steel Floor Registers, Complete	Paraguay
National Baseboard Registers	Palermo	U. S. Steel Floor Borders	Parana
Capitol Baseboard Registers	Palestine	U. S. Steel Floor Faces with Supporting Bars.....	Paris
Liberty Baseboard Registers	Palmas	U. S. Steel Floor Faces without Support'g Bars.....	Parma
Mission Baseboard Registers.....	Palmyra	U. S. Special Steel Faces	Parthia
National Baseboard Cold-Air Faces	Palo	U. S. Steel Lock Registers	Pasteur
Capitol Baseboard Cold-Air Faces	Pamir	U. S. Steel Ventilating Registers for Ceiling.....	Patagonia
National Convex Ventilating Faces	Pelee	U. S. Steel Ventilating Registers for Side Wall.....	Paterson
Capitol Convex Ventilating Faces	Peter	U. S. Steel Duplex Gratings	Patmos
Mission Convex Ventilating Faces	Pater	U. S. Steel Adjustable Ceiling Ventilators.....	Patrick
National One-Pipe Registers	Pamlico	U. S. Heavy Round Gratings	Patti
Jones-National Special Registers	Panama	U. S. Heavy Round Borders	Peary
Jones-National Flat-Stud Registers	Pamjah	U. S. Round Cast Registers	Persia
National Convex Registers	Pamar	Flat Steel Grilles	Peru
Capitol Convex Registers	Papua	U. S. Wire Screens.....	Potomac
Mission Convex Registers	Para	U. S. Wood Faces	Potsdam
		National No-Rivet Damper Clips	Pueblo
		National No-Rivet Damper Tips	Prussia

BASEBOARD REGISTERS

JONES-NATIONAL		NATIONAL		CAPITOL		MISSION		LIBERTY	
CAT. NO.	CODE WORD	CAT. NO.	CODE WORD	CAT. NO.	CODE WORD	CAT. NO.	CODE WORD	CAT. NO.	CODE WORD
853½	Zeal	52	Yoke	253	Wad	453	Vain	353	Ugly
854½	Zealot	53	Yield	252	Wage	452	Vague	352	Ulcer
855	Zebra	54	Yowl	254	Waif	454	Vale	354	Ultra
856	Zenith	53½	Yacht	253½	Wake	453½	Valid	353½	Umber
857	Zephyr	52½	Yak	252½	Win	452½	Valor	352½	Umpire
855¼	Zero	54½	Yankee	254½	Web	454½	Vim	354½	Unity
8556	Zest	55	Yard	255	Wide	455	Vend	355	Usurp
8557	Zig	56	Yarn	255¼	Whip	455¼	Vault	355¼	Usual
2-853½	Zinc	57	Yaw	256	Woe	456	Vertex	356	Utter
2-854½	Zion	55¼	Yawn	2556	Wry	4556	Vermin	3556	Usury
2-855	Zircon	556	Yeast						
2-856	Zone	557	Yelp						
2-857	Zoo								
2-855¼	Zulu								
2-8556	Zound								
2-8557	Zyme								

COLD-AIR FACES

NATIONAL BASEBOARD		CAPITOL BASEBOARD		NATIONAL ONE-PIPE REGISTER		NATIONAL CONVEX VENTILATING FACES	
CAT. NO.	CODE WORD	CAT. NO.	CODE WORD	CAT. NO.	CODE WORD	CAT. NO.	CODE WORD
1014	Taste	2014	Swipe	434	Snap	514	Snarl
1030	Tie	2030	Swob	454	Stale	524	Snatch
1217	Tug	2217	Swoon	466	Sting	530	Snuff
1227	Tender	2227	Sweet	217	Stirr		
1232	Tenant	2232	Sword	227	Stuck		
				233	Scroll		



CODE WORDS

ORDERS

Ship at Once by FreightRabbit
Ship at Once by Express.....Racket
Ship at Once by Parcel Post.....Radical
Ship at Once by Rail and WaterRadio
Enter Order and Advise Shipping Date.....Rebuke
Add to Our OrderReamer
Rush Shipment of Our OrderRecreate
Express Goods Ready and Balance by Freight
on Our OrderRegatta
If You Cannot Ship All, Rush What Can,
Our OrderRegress

QUOTATIONS

Quote Prices and Advise Shipping Date.....Quack
Can We Meet Price Made byQuaggy
Will We Accept Order forQualm
Our Price Will Not Get Business, Wire Advices....Quid
We Quote on Your Inquiry a Net Price ofQuarrel
We Quote Subject to Immediate Acceptance.....Quarry
We Quote F. O. B. Factory No Freight Allowed..Quadrant
We Quote Freight Allowed to Ohio River.....Quitter
We Quote Freight Allowed to Missouri River.....Quotient
We Quote Full Freight AllowedQuill
Accept No Orders at Old Prices.....Quoit
All Orders at Old Prices Must be in by.....Quaker
Your Inquiry Requires Special Cost Estimate
and We Will Quote Soon.....Quizzer

SIZES

10x 8	Pace	6x12	Palsey	9x12	Padrone	12x12	Paul	16x16	Perk	22x22	Pine	28x28	Poke
8x10	Pack	6x 6	Palter	9x14	Parian	12x14	Pave	16x18	Permit	22x24	Pink	28x30	Polar
		6x 8	Pan	9x16	Parish	12x16	Pawn	16x20	Perry	22x26	Pint	28x32	Police
12x 8	Pad	6x10	Pander	9x18	Park	12x17	Pay	16x22	Pert	22x28	Pipe	28x34	Pollen
8x12	Paddy	6x12	Pandora	9x20	Parley	12x18	Payee	16x24	Peso	22x30	Pique	28x36	Pomp
		6x14	Pang	9x22	Parlor	12x20	Peace	16x28	Pet	22x32	Pirate	28x30	Ponder
12x 9	Padre	6x16	Panicle	9x24	Parol	12x22	Peach	16x30	Petrol	22x36	Pistol		
9x12	Padrone	6x18	Pansy	9x28	Parrot	12x24	Peak	16x32	Petty	22x38	Pitch	30x30	Pontiff
		6x20	Pant	9x30	Part	12x30	Peal	16x36	Pew	22x40	Pith	30x32	Pony
12x10	Pagan	6x22	Panther			12x36	Pean	16x42	Pie	22x42	Pity	30x34	Pool
		6x24	Pantry	10x10	Party	12x40	Pear					30x36	Pope
13x11	Page	6x28	Pap	10x12	Partial	12x48	Peat	18x18	Pick	24x24	Pivot	30x40	Port
		6x30	Papa	10x14	Partly			18x20	Pickle	24x26	Plaid	30x42	Pose
14x12	Paid	6x32	Papal	10x16	Pasha	14x14	Peck	18x22	Picture	24x28	Plank	30x48	Post
		6x36	Paper	10x18	Pass	14x16	Pedal	18x24	Pierce	24x30	Planet		
4x 6	Pail			10x20	Past	14x18	Peep	18x28	Piety	24x32	Plash	36x36	Posse
4x 8	Pain	8x 8	Papilla	10x22	Paste	14x20	Peer	18x30	Pig	24x36	Plateau	36x40	Potash
4x10	Paid	8x10	Pack	10x24	Patent	14x22	Peg	18x36	Pigeon	24x40	Plead	36x42	Potent
4x12	Pal	8x12	Paddy	10x28	Pat	14x24	Pelt	18x38	Pigment	24x42	Pledge	36x48	Pouch
4x15	Palate	8x14	Papist	10x30	Pate	14x30	Pence			24x48	Plenty		
4x18	Pall	8x16	Papoose	10x36	Path	14x34	People	20x20	Pilate			38x38	Powder
4x22	Palm	8x18	Pappus	10x40	Patter	14x36	Pep	20x22	Pile	26x26	Plod	38x40	Prank
4x24	Palp	8x20	Paprika			14x40	Peptic	20x24	Pilfer	26x28	Plow	38x42	Precise
		8x22	Par			14x48	Perch	20x26	Pillage	26x30	Plum		
		8x24	Parch					20x28	Pillar	26x32	Plunge		
		8x28	Pard					20x30	Pillion	26x34	Poach		
		8x30	Parent					20x32	Pilot	26x36	Pocket		
		8x36	Pariah					20x36	Pin				
								20x40	Pinch				



CODE WORDS

DISCOUNTS

2	Label	35—10	Leaf	65—20	Lithium
5	Labor	40	Leak	65—20—10	Liturgy
7½	Lace	40—5	Lean	66⅔	Livery
5—7½	Lacing	40—10	Leap	66⅔—5	Lizard
10	Lack	40—10—20	Lease	66⅔—10	Loach
10—2	Lad	40—10—10	Ledge	66⅔—10—10	Loafer
10—5	Lady	40—10—5	Legal	66⅔—20	Loam
10—7½	Lag	40—10—20—10	Legion	66⅔—20—10	Lobster
10—10	Lager	45	Lemon	70	Locust
10—10—5	Lake	45—5	Length	70—5	Lodge
10—10—10	Lamb	45—10	Lent	70—10	Logger
20	Lame	45—10—5	Lesson	70—10—10	Lombard
20—2	Lance	45—10—10	Lethal	70—20	Loon
20—5	Land	50	Levee	70—20—10	Loot
20—10	Lank	50—5	Level	75—	Lotion
20—10—5	Lanky	50—10	Levy	75—5	Lounge
20—10—10	Lap	50—10—5	Libel	75—10	Lout
25	Lapse	50—10—10	Liber	75—10—10	Lozenge
25—5	Larch	50—20	License	75—20	Lugger
25—10	Lard	50—20—10	Liege	75—20—10	Lump
25—10—5	Largo	55—5	Limb	80	Luck
25—10—10	Lash	55—10	Lime	80—5	Lucre
30	Last	55—20	Limit	80—10	Lunar
30—5	Latch	55—20—10	Limpet	80—10—10	Lunge
30—10	Lateen	60—5	Lineage	80—20	Lurch
30—10—10	Lathe	60—10	Linen	80—20—10	Luster
33⅓	Laud	60—10—10	Linger	85—	Luxury
33⅓—5	Lava	60—20	Lingo	85—5	Lynch
33⅓—10	Law	60—20—10	Lintel	85—10	Lymph
33⅓—10—5	Lax	65	Liquid	85—10—10	Lynx
33⅓—10—10	Layer	65—5	Lissom	85—20	Lyric
35	Leach	65—10	Liter	85—20—10	Lyceum
35—5	Lead	65—10—10	Litharge		

DATES

DAY	LAST MONTH	THIS MONTH	NEXT MONTH	DAY	LAST MONTH	THIS MONTH	NEXT MONTH
1	Idea	Idealist	Idealism	16	Insect	Inspire	Inspect
2	Idiot	Idiocy	Idiotic	17	Insist	Install	Instep
3	Image	Imagery	Imagine	18	Instinct	Insult	Insure
4	Imp	Impact	Impare	19	Intake	Intent	Intomb
5	Impede	Impel	Impend	20	Invade	Invest	Invert
6	Import	Impose	Impress	21	Invite	Invoke	Involve
7	Improve	Impure	Impute	22	Inward	Inweave	Inwrap
8	Inborn	Incise	Incense	23	Iodine	Ionic	Iota
9	Incline	Include	Inclosure	24	Irate	Iris	Irony
10	Inclose	Income	Incite	25	Islam	Isle	Island
11	Incur	Increase	Indent	26	Islet	Isobar	Israel
12	Index	Indict	Indigo	27	Italy	Itch	Isthmus
13	Infant	Infect	Infer	28	Issue	Isolate	Irritate
14	Inflate	Influx	Ingrate	29	Ivory	Ixiom	Ivy
15	Inquest	Inquire	Injury	30	Involve	Invoice	Inveigle
				31	Intwine	Intrude	Intrigue

FINISHES

Black Japan	BJ
White Japan	WJ
Oxidized Copper	OC
Polished Copper	PC
Brushed Copper	BC
Nickel	N
Sand Blast Nickel	SN
Dull Nickel	DN
Oxidized Brass	OB
Brushed Brass	BB
Polished Brass	PB
Sand Blast Brass	SB
Antique Sand Blast Brass	ASBB
Sand Blast Oxidized Brass	SBOB
Statuary Bronze	SB
Lacquered Antique Brass	LBAB
Lacquered Brushed Brass	LBBB
Lacquered Oxidized Copper	LBOC

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